



REVISED NIS APPENDIX 9

***ADDENDUM BIRD SURVEY DATA
(OCTOBER 2023-MARCH 2025)***

Revised NIS Appendix 9 - Addendum Survey Data

Laurclavagh Renewable
Energy Development, Co.
Galway



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1.

GOLDEN PLOVER

Table 7-4-1 Golden Plover Vantage Point Survey data

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1 (0-15m)	Band 2 (15-25m)	Band 3 (25-200m)	Band 4 (>200m)	Habitat and activity	Surveyor
GP024	VP1	06/10/2023	13:44	Golden Plover	40	27	27	0	0	0	improved grassland; travelling, approx. no.	LDV
GP025	VP1	06/10/2023	17:46	Golden Plover	80	152	52	100	0	0	improved grassland; travelling, approx.. no.	LDV
GP026	VP1	09/11/2023	12:58	Golden Plover	19	243	0	0	243	0	improved grassland; travelling	LDV
GP027	VP1	18/12/2023	15:21	Golden Plover	28	83	0	0	83	0	improved grassland; travelling	LDV
GP028	VP1	18/12/2023	15:39	Golden Plover	61	158	10	10	128	0	improved grassland; travelling	LDV
GP029	VP1	18/12/2023	15:40	Golden Plover	61	-	-	-	-	-	improved grassland; foraging	LDV
GP030	VP1	09/01/2024	09:50	Golden Plover	125	823	100	400	323	0	improved grassland; flying, foraging	LDV
GP031	VP1	09/01/2024	09:53	Golden Plover	35	-	-	-	-	-	improved grassland; foraging	LDV
GP032	VP1	09/01/2024	10:08	Golden Plover	50	279	50	50	179	0	improved grassland; flying	LDV
GP033	VP1	09/01/2024	13:11	Golden Plover	2	30	5	5	20	0	improved grassland; flushed, flushed by hunting sparrowhawk	LDV
GP034	VP2	12/02/2024	15:45	Golden Plover	24	143	0	0	143	0	improved grassland; travelling	LDV
GP035	VP2	12/02/2024	15:46	Golden Plover	26	173	0	0	173	0	improved grassland; travelling	LDV
GP036	VP2	12/02/2024	18:03	Golden Plover	6	16	16	0	0	0	improved grassland; travelling	LDV
GP037	VP1	08/03/2024	08:29	Golden Plover	13	81	0	0	81	0	improved grassland; travelling	LDV
GP038	VP1b	17/04/2024	19:12	Golden Plover	3	61	0	0	61	0	improved grassland; travelling	LDV
GP039	VP1b	08/10/2024	14:56	Golden Plover	1	-	-	-	-	-	improved agricultural grassland; calling, heard just before spotting peregrine, but didn't see the plover.	PDC
GP040	VP1b	08/10/2024	16:55	Golden Plover	1	27	27	0	0	0	improved agricultural grassland; travelling, calling	PDC
GP041	VP2	15/11/2024	07:09	Golden Plover	1	-	-	-	-	-	improved agricultural grassland; calling, heard not seen	PDC
GP042	VP1b	10/12/2024	11:47	Golden Plover	46	68	68	0	0	0	improved agricultural grassland and linear woodland/scrub; travelling, dropped into scrubby-looking field	PDC
GP043	VP1b	10/12/2024	12:19	Golden Plover	57	140	140	0	0	0	improved agricultural grassland and linear woodland/scrub; travelling, dropped into a	PDC

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1 (0-15m)	Band 2 (15-25m)	Band 3 (25-200m)	Band 4 (>200m)	Habitat and activity	Surveyor
											field. hard to count accurately as they were hard to distinguish against the background.	
GP044	VP1b	10/12/2024	12:55	Golden Plover	82	338	338	0	0	0	improved agricultural grassland; travelling, i think these were flushed by the peregrine. i didn't see exactly where they dropped.	PDC
GP045	VP1b	10/12/2024	12:57	Golden Plover	7	38	38	0	0	0	improved agricultural grassland; travelling, dropped into a field.	PDC
GP046	VP1b	10/12/2024	14:29	Golden Plover	15	-	-	-	-	-	improved agricultural grassland; flushed, flushed by peregrine. i followed the peregrine, so i've put this sighting as a non-flight as i didn't time it, and they'd gone when i lost the peregrine. count is best estimate.	PDC
GP047	VP1b	10/12/2024	15:37	Golden Plover	51	187	0	187	0	0	improved agricultural grassland; travelling, lost behind treeline	PDC
GP048	VP1b	10/12/2024	15:45	Golden Plover	42	47	47	0	0	0	improved agricultural grassland; circling, dropped into field	PDC
GP049	VP2	11/12/2024	14:27	Golden Plover	16	26	0	0	26	0	improved agricultural grassland; circling, lost in the gloom due to distance	PDC

Table 7-4-2 Golden Plover Winter Walkover Survey data

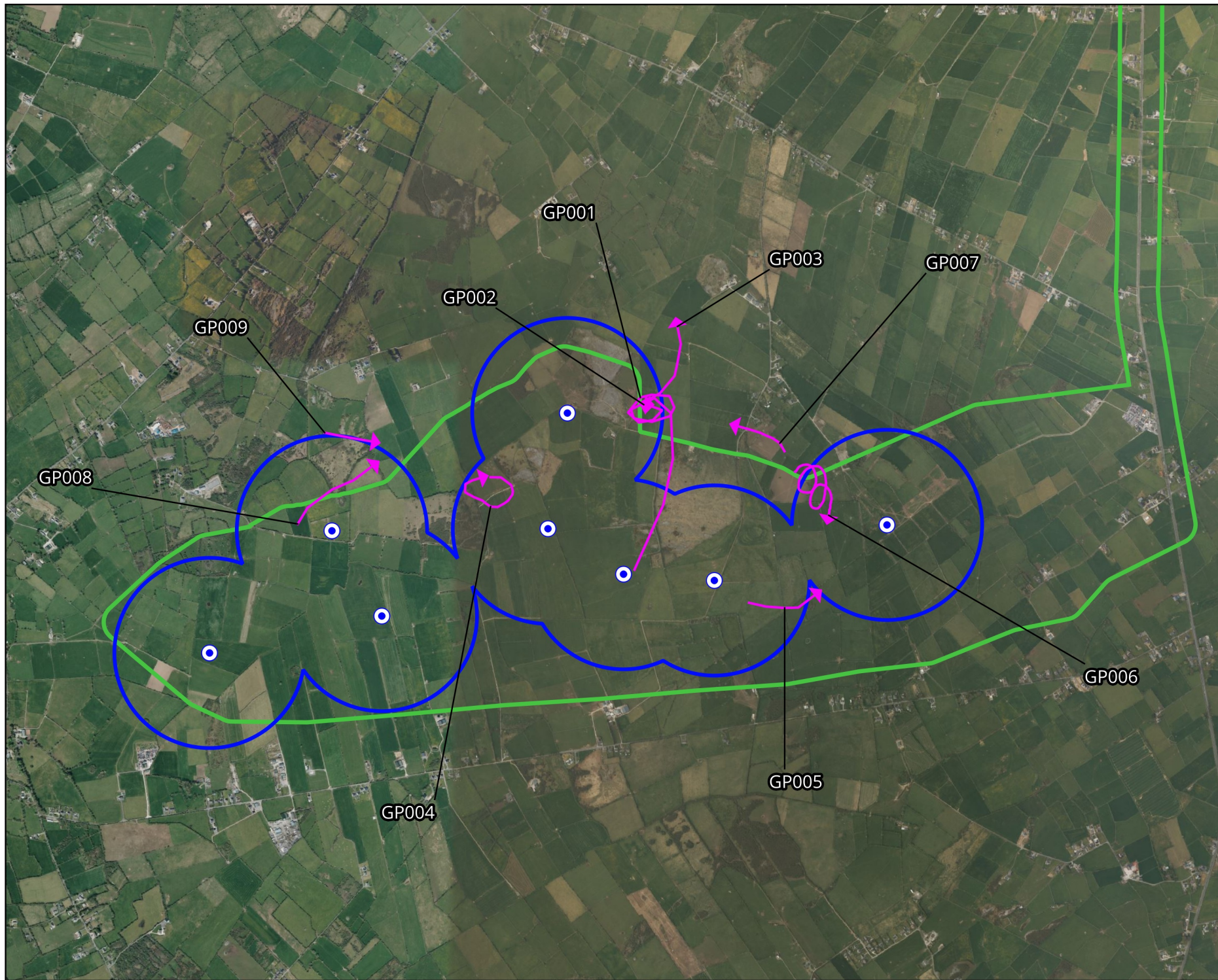
Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
GP001	10/01/2024	09:37	Golden Plover	42	improved grassland and scrub/transitional woodland; flying (wintering)	LDV
GP002	10/01/2024	09:37	Golden Plover	42	improved grassland; foraging, mixed with fieldfare, mistle thrush and redwings (wintering)	LDV
GP003	10/01/2024	09:38	Golden Plover	42	improved grassland; flying (wintering)	LDV
GP004	07/10/2024	09:19	Golden Plover	4	improved agricultural grassland; travelling (wintering)	PDC
GP005	07/10/2024	11:54	Golden Plover	15	improved agricultural grassland; travelling (wintering)	PDC
GP006	07/10/2024	11:55	Golden Plover	19	improved agricultural grassland; travelling (wintering)	PDC
GP007	07/10/2024	12:01	Golden Plover	19	improved agricultural grassland; travelling, count is best estimate due to distance (wintering)	PDC
GP008	05/11/2024	08:25	Golden Plover	1	improved agricultural grassland; flushed, travelling, came up from field (wintering)	PDC
GP009	05/11/2024	08:28	Golden Plover	5	improved agricultural grassland; calling, total heard calling along this part of the transect, but i couldn't see them (wintering)	PDC

Table 7-4-3 Golden Plover Waterbird Distribution and Abundance Survey data

Ref	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
GP008	Luimnagh pier	11/10/2023	10:27	Golden Plover	6	lakes and ponds; flying	LDV
GP009	Annaghdown pier	11/10/2023	12:06	Golden Plover	60	lakes and ponds; flying	LDV

Table 7-4-4 Golden Plover Incidental Observations

Ref	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
GP006	Hen Harrier Roost Survey; Lough afoor	02/10/2023	17:33	Golden Plover	200	bogs; flying, approx. number	LDV
GP007	Hen Harrier Roost Survey; HHVP3	04/10/2023	08:44	Golden Plover	22	scrub/transitional woodland; flying	LDV
GP008	Hen Harrier Roost Survey; HHVP3	04/10/2023	08:50	Golden Plover	80	scrub/transitional woodland; flying	LDV
GP009	Hen Harrier Roost Survey; HHVP1	10/10/2023	08:39	Golden Plover	36	improved grassland; flying	LDV
GP010	Hen Harrier Roost Survey; HHVP1	04/12/2023	16:40	Golden Plover	2	improved grassland; travelling	LDV
GP011	Hen Harrier Roost Survey; HHVP3	06/12/2023	09:45	Golden Plover	53	improved grassland; travelling, landed in field	LDV
GP012	Vantage Point Survey; VP1b	09/01/2024	11:01	Golden Plover	37	improved grassland; flying, during break	LDV
GP013	Hen Harrier Roost Survey; Kilcurriv Eighter	15/10/2024	08:37	Golden Plover	16	improved agricultural grassland; travelling	PDC
GP014	Hen Harrier Roost Survey; HHVP3	31/03/2025	19:12	Golden Plover	80	improved agricultural grassland; circling, flying mostly at pch, lost low behind hill	LDV



Map Legend

-  EIAR Site Boundary
-  Proposed Turbine Location
-  500m Radius of Turbines
-  Flight Observation



Drawing Title
**Golden Plover Observations
Winter Walkover Surveys**

Project Title
**Laurclavagh Renewable Energy
Development**

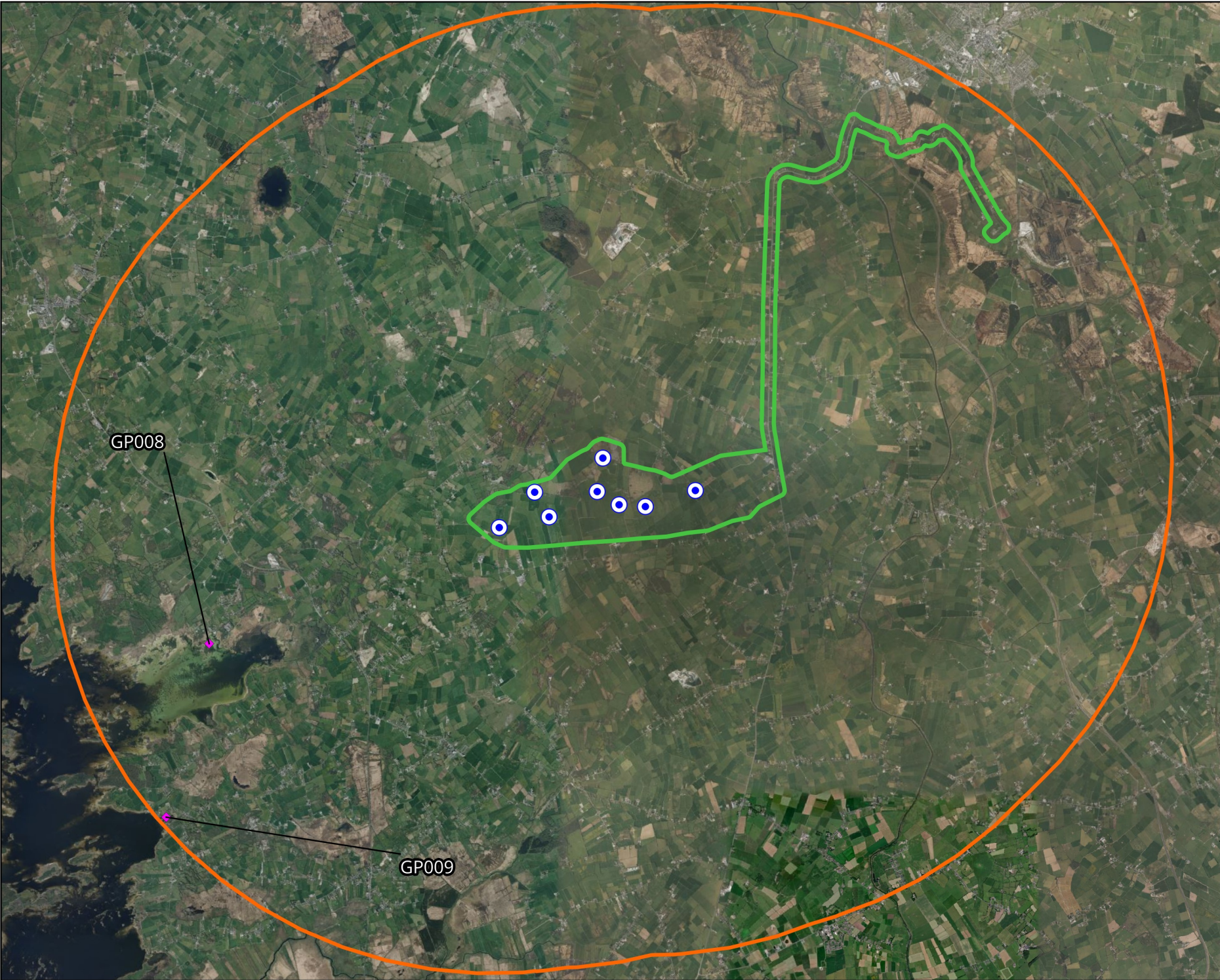
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Map Legend

- EIAR Site Boundary
- ⊙ Proposed Turbine Location
- ⬡ 8km Survey Radius
- ◆ Observation



Drawing Title
**Golden Plover Observations
Waterbird Distribution Surveys**

Project Title
**Laurclavagh Renewable Energy
Development**

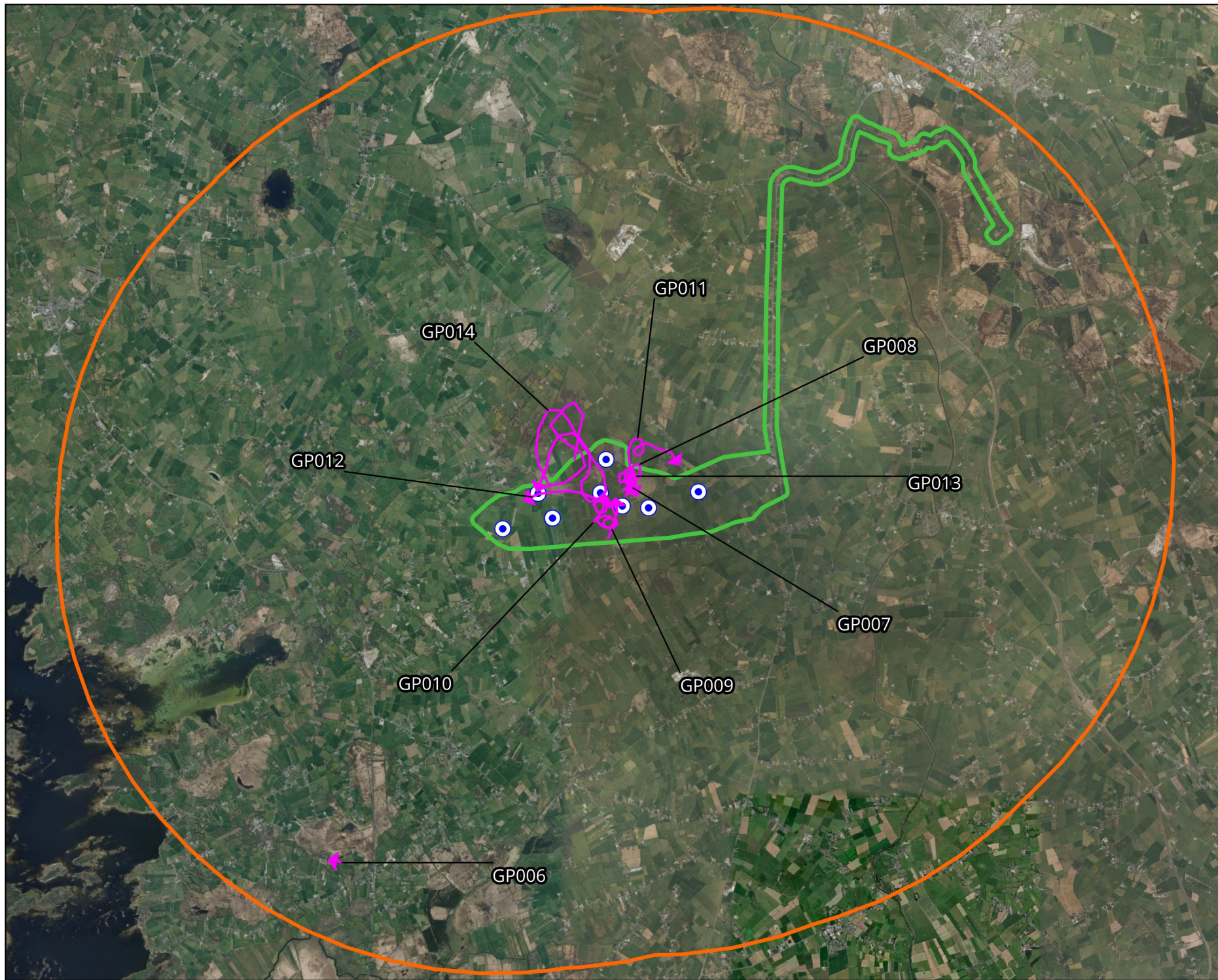
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Map Legend

- EIAR Site Boundary
- Proposed Turbine Location
- 8km Survey Radius
- Flight Observation



Drawing Title

Golden Plover
Incidental Observations

Project Title

Laurclavagh Renewable Energy
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Fig 7-4-4

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2.

HEN HARRIER

Table 7-4-5 Hen Harrier Vantage Point Survey data

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1 (0-15m)	Band 2 (15-25m)	Band 3 (25-200m)	Band 4 (>200m)	Habitat and activity	Surveyor
HH006	VP1b	08/10/2024	18:20	Hen Harrier	1	32	32	0	0	0	improved agricultural grassland; travelling, ringtail. lost it behind hedgerow, would guess it was passing through.	PDC

Table 7-4-6 Hen Harrier Hen Harrier Roost Survey data

Ref.	HHVP	Date	Time	Species	Number	Habitat and activity	Surveyor
HH001	HHVP3	15/10/2024	07:35	Hen Harrier	1	scrub, travelling, bird seen flying away from me in very low light so not 100% sure it was a harrier. couldn't make out any colours but flight profile looked right, and it was flying low over scrub so may have just come up from the scrub. hard to be certain.	PDC
HH002	HHVP1	18/03/2025	19:07	Hen Harrier	1	bogs and improved agricultural grassland, flying, after sunset so difficult to confirm but silhouette and flight looked to be a hen harrier, likely adult female judging by size. didn't land, flew off to the north	JD



Map Legend

- EIAR Site Boundary
- Proposed Turbine Location
- 500m Radius of Turbines
- Flight Observation



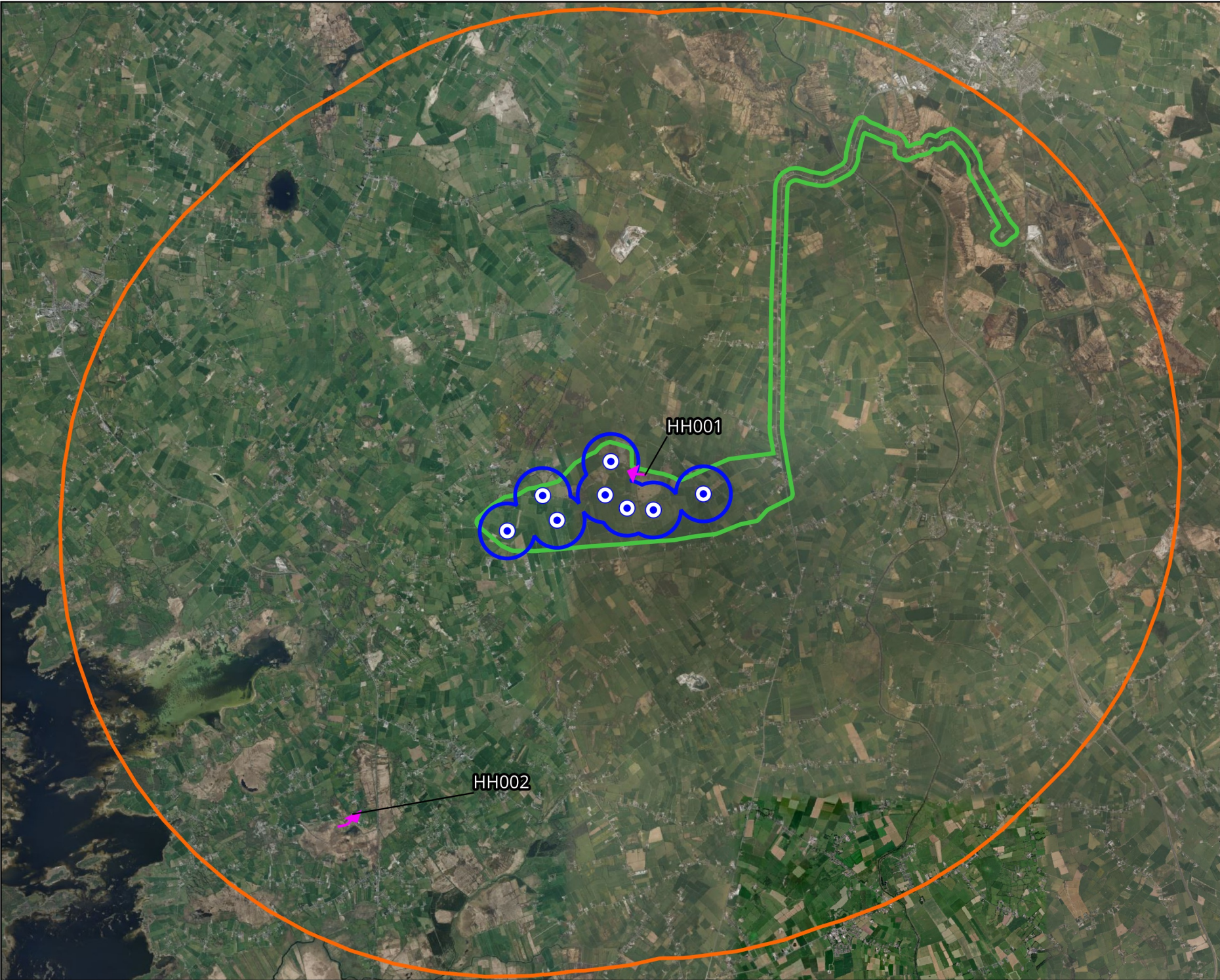
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**Hen Harrier Observations
Vantage Point Surveys**

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- Map Legend
- EIA Site Boundary
 - ⊙ Proposed Turbine Location
 - 500m Radius of Turbines
 - 8km Survey Radius
 - Flight Observation

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**Hen Harrier Observations
Hen Harrier Roost Surveys**

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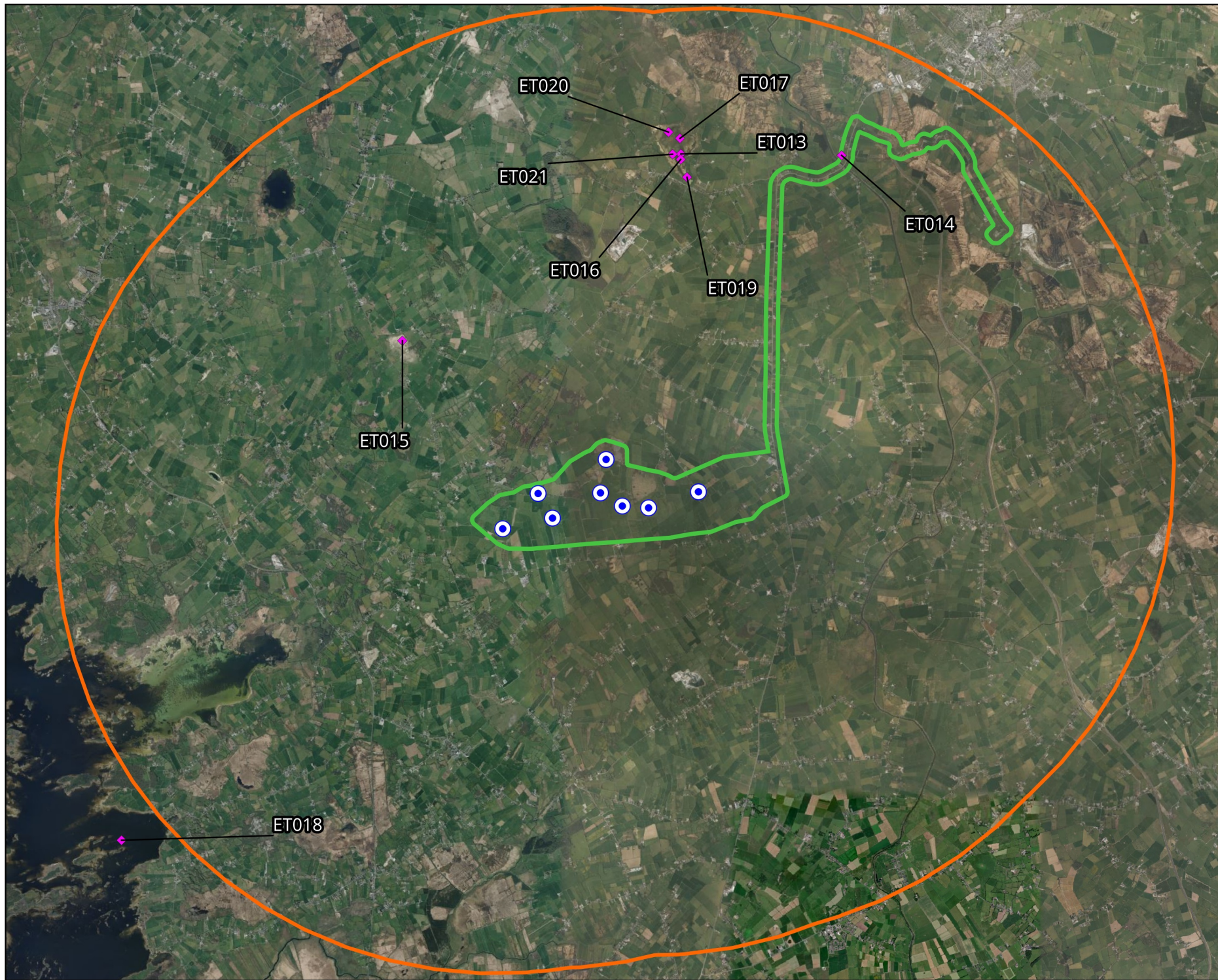
LITTLE EGRET

Table 7-4-7 Little Egret Waterbird Distribution and Abundance Survey data

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
ET013	Belclare Turlough	11/10/2023	13:39	Little Egret	1	turloughs; foraging	LDV
ET014	Cloonmore	03/01/2024	10:51	Little Egret	1	improved grassland and turloughs; foraging	LDV
ET015	Bohercuill	08/05/2024	13:34	Little Egret	7	wet grassland; roosting	LDV
ET016	Belclare Turlough	21/05/2024	10:30	Little Egret	7	turloughs; foraging	LDV
ET017	Belclare	17/09/2024	11:31	Little Egret	1	turloughs and improved agricultural grassland; resting	CC
ET018	Annaghdown pier	17/09/2024	13:03	Little Egret	2	lakes and ponds; hunting	CC
ET019	Belclare Turlough	12/12/2024	11:17	Little Egret	1	lakes and ponds; foraging	PM
ET020	Belclare Turlough	13/03/2025	11:57	Little Egret	1	lakes and ponds; roosting	PM
ET021	Belclare Turlough	26/03/2025	14:03	Little Egret	5	lakes and ponds; foraging	PM

Table 7-4-8 Little Egret Incidental Observations

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
ET003	Breeding Raptor Survey; BR2	23/05/2024	10:01	Little Egret	1	improved grassland; travelling	LDV



Map Legend

-  EIAR Site Boundary
-  Proposed Turbine Location
-  8km Survey Radius
-  Observation



Drawing Title
**Little Egret Observations
Waterbird Distribution Surveys**

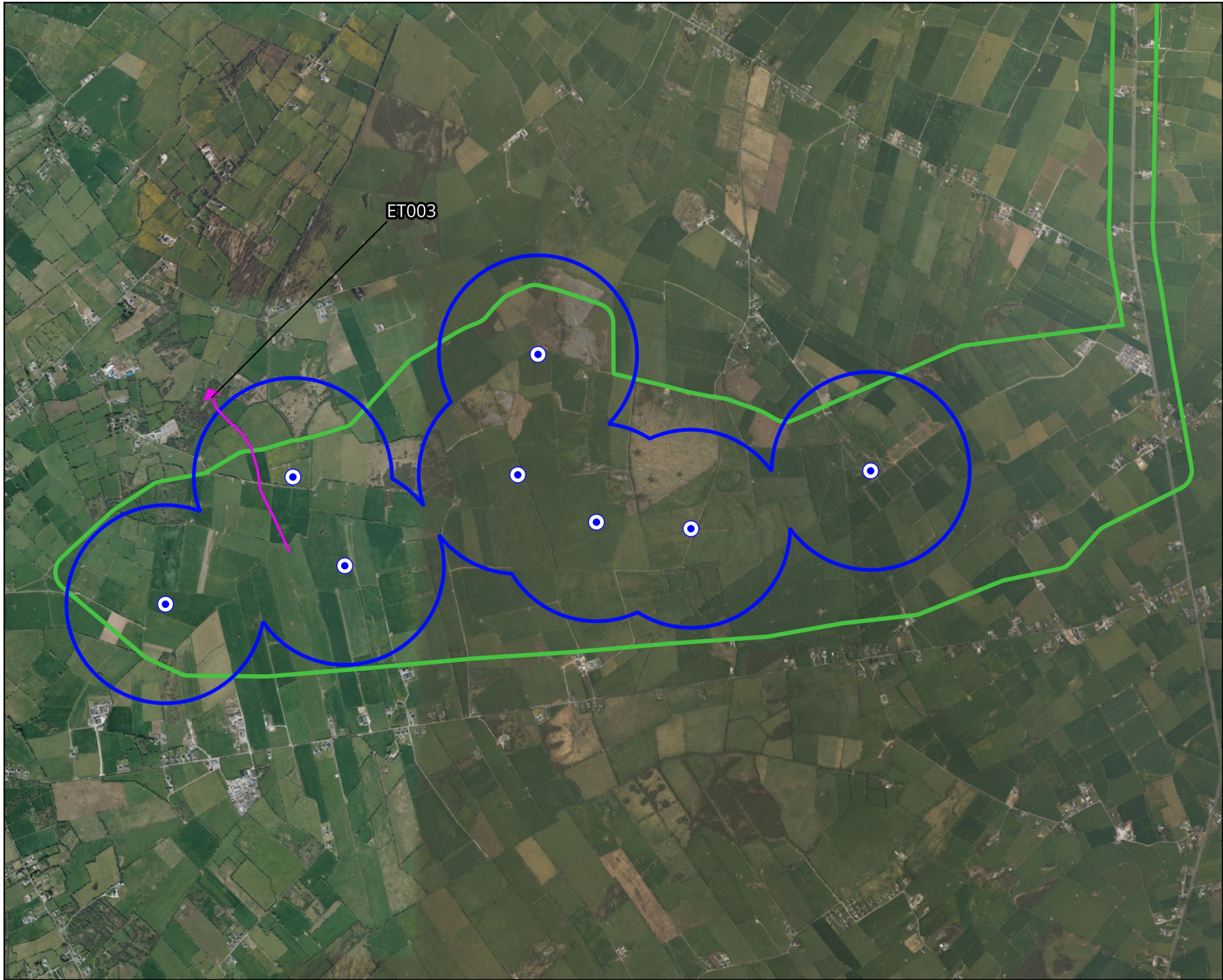
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Map Legend

- EIAR Site Boundary
- Proposed Turbine Location
- 500m Radius of Turbines
- Flight Observation



Drawing Title
**Little Egret
Incidental Observations**

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4.

MERLIN

Table 7-4-9 Merlin Vantage Point Survey data

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1 (0-15m)	Band 2 (15-25m)	Band 3 (25-200m)	Band 4 (>200m)	Habitat and activity	Surveyor
ML002	VP1b	08/10/2024	18:34	Merlin	1	8	8	0	0	0	improved agricultural grassland; travelling, came up above hedgerow then dropped behind it again. looked like a couple of hooded crows were chasing it.	PDC
ML003	VP2	16/01/2025	11:47	Merlin	1	36	36	0	0	0	improved agricultural grassland and linear woodland/scrub; travelling, perched, female, i think. perched briefly in a tree before heading off.	PDC
ML004	VP1b	11/02/2025	15:27	Merlin	1	9	9	0	0	0	improved agricultural grassland; travelling, very brief view of small falcon low over fields. lost behind vp.	PDC

Table 7-4-10 Merlin Winter Walkover Survey data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
ML001	07/10/2024	10:21	Merlin	1	improved agricultural grassland; travelling (wintering)	PDC



Map Legend

- EIAR Site Boundary
- Proposed Turbine Location
- 500m Radius of Turbines
- Flight Observation



Drawing Title
**Merlin Observations
Vantage Point Survey**

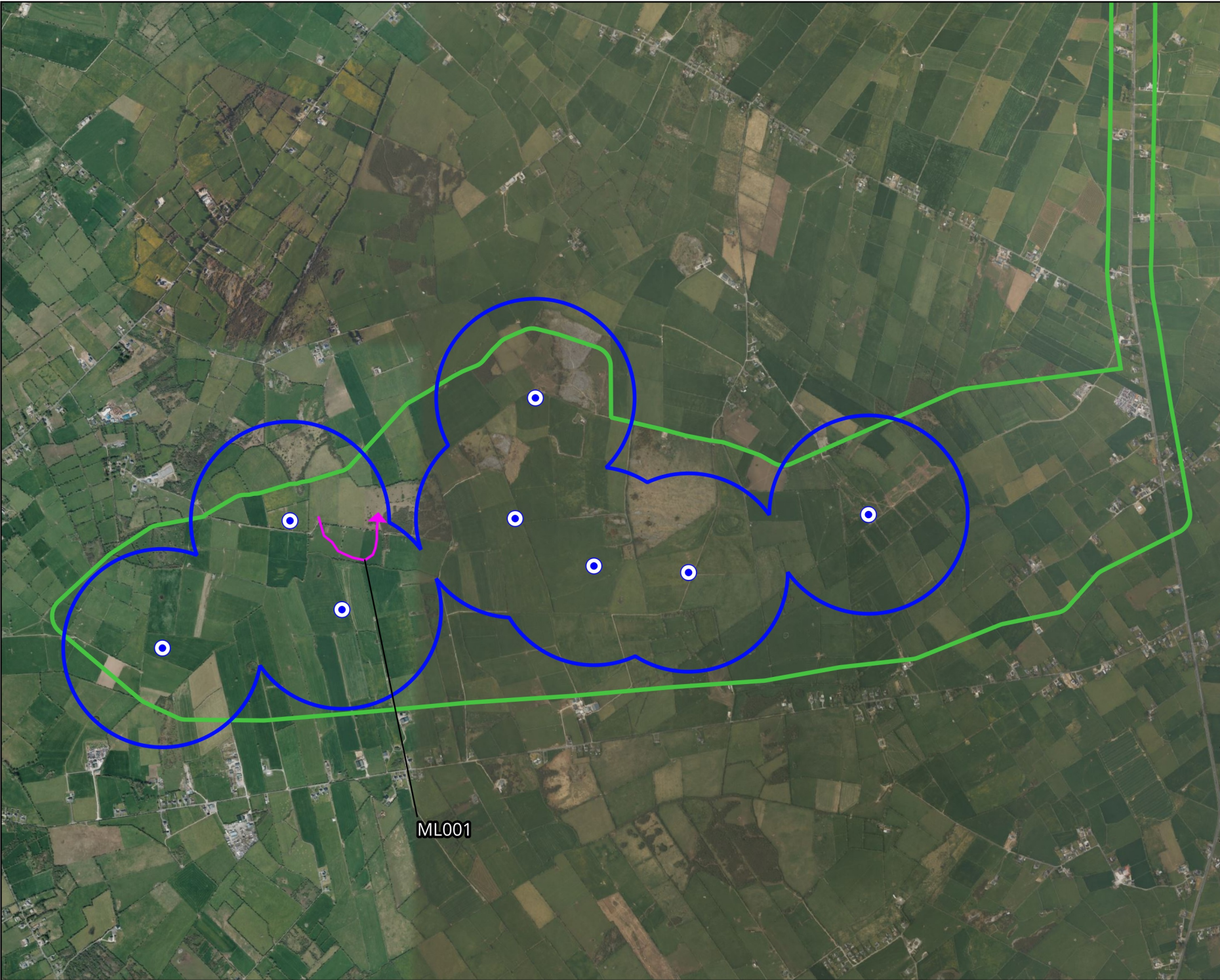
Project Title
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Project No. 210627	Drawing No. Fig 7-4-9
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Map Legend

- EIAR Site Boundary
- Proposed Turbine Location
- 500m Radius of Turbines
- Flight Observation



Drawing Title
**Merlin Observations
Winter Walkover Surveys**

Project Title
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5.

PEREGRINE

Table 7-4-11 Peregrine Vantage Point Survey data

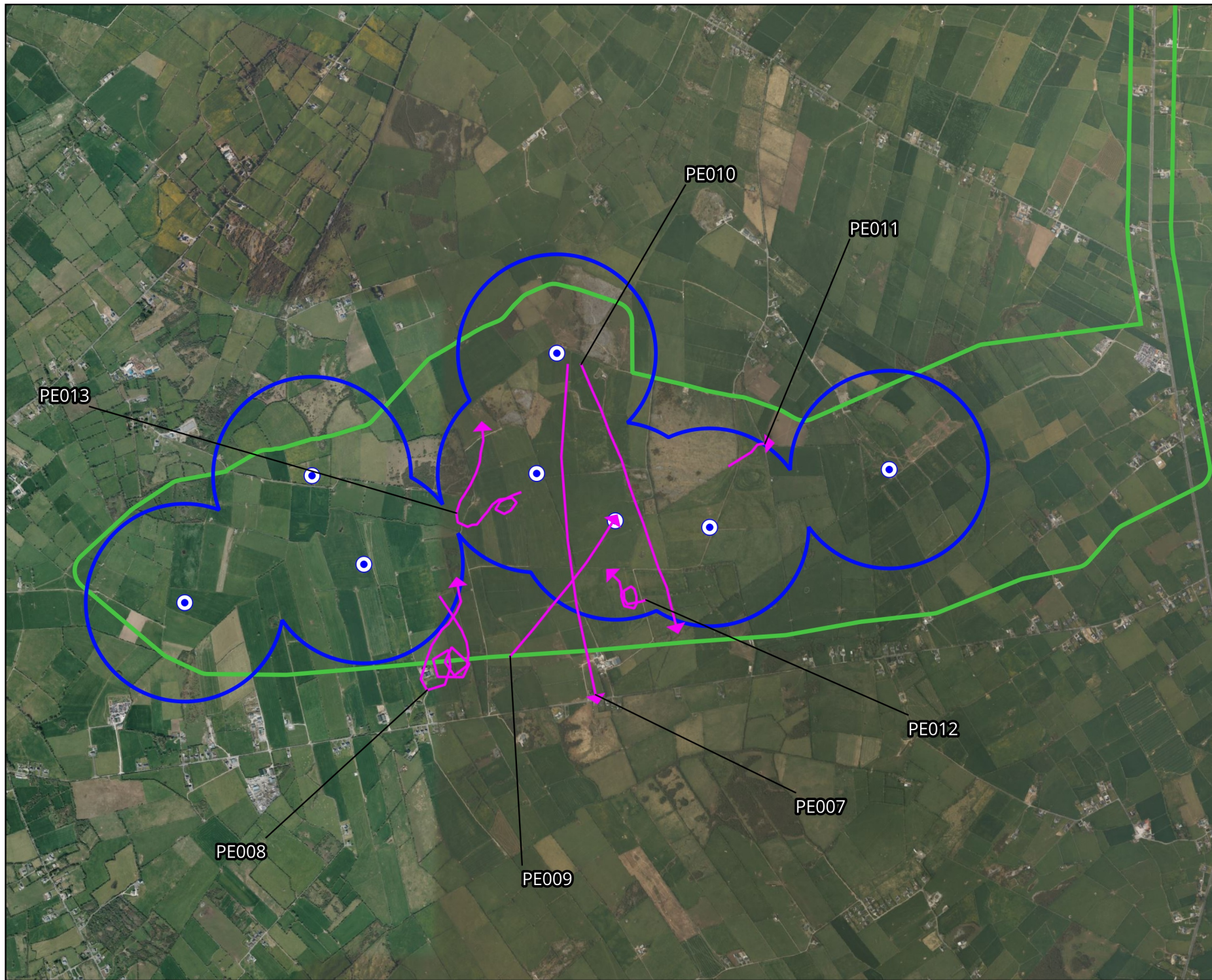
Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1 (0-15m)	Band 2 (15-25m)	Band 3 (25-200m)	Band 4 (>200m)	Habitat and activity	Surveyor
PE007	VP1	09/01/2024	12:14	Peregrine Falcon	1	54	0	0	54	0	improved grassland; flying	LDV
PE008	VP1b	08/10/2024	14:45	Peregrine Falcon	1	280	35	245	0	0	improved agricultural grassland; travelling, hunting, was chasing a snipe when i spotted it, low over fields. snipe escaped, peregrine headed back over fields and stooped at something else, couldn't see what as it was low again. adult, probably male.	PDC
PE009	VP1b	10/12/2024	12:52	Peregrine Falcon	1	42	42	0	0	0	improved agricultural grassland and linear woodland/scrub; travelling, adult, probably female from size. lost her behind hedgerow but the golden plover came up shortly after this sighting, so i imagine she flushed them.	PDC
PE010	VP1b	10/12/2024	14:26	Peregrine Falcon	1	67	67	0	0	0	improved agricultural grassland; travelling, looked like an adult male, from size. flushed large flock of thrushes and small flock of golden plover. dived at thrushes but didn't make real attempt to catch one.	PDC
PE011	VP2	11/12/2024	10:59	Peregrine Falcon	1	16	16	0	0	0	improved agricultural grassland and linear woodland/scrub; travelling, perched, flew low past vp, settled briefly on hedgerow then flew off heading east. male, from size.	PDC
PE012	VP1b	15/01/2025	09:02	Peregrine Falcon	1	51	0	0	51	0	improved agricultural grassland; travelling, climbing, spotted when watching herring gull. lost against bright sky as it climbed.	PDC
PE013	VP1b	15/01/2025	12:24	Peregrine Falcon	1	57	26	31	0	0	improved agricultural grassland; travelling, juvenile, mobbed initially by flock of starlings.	PDC

Table 7-4-12 Peregrine Winter Walkover Survey data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
PE001	17/01/2025	10:11	Peregrine Falcon	1	improved agricultural grassland and linear woodland/scrub; travelling, looked like young female moulting into adult plumage. head pattern looked black, undersides barred but back still showing some brown. she was very low and close to me. (wintering)	PDC

Table 7-4-13 Peregrine Incidental Observations

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
PE006	Waterbird Distribution Survey; Belclare Turlough	24/10/2023	12:31	Peregrine Falcon	1	turloughs; hunting, came to hunt ducks, stayed for 40min on an island in the turlough. missed it going away	LDV
PE007	Hen Harrier Roost Survey; HHVP2a	13/12/2023	08:22	Peregrine Falcon	1	improved grassland; travelling	LDV
PE008	Waterbird Distribution Survey; Luimnagh pier	20/12/2023	10:59	Peregrine Falcon	1	lakes and ponds; hunting, was dive bombing a lapwing	LDV
PE009	Waterbird Distribution Survey; Belclare Turlough	31/10/2024	10:15	Peregrine Falcon	2	turloughs; perched	NL
PE010	Waterbird Distribution Survey; Belclare Turlough	23/01/2025	10:15	Peregrine Falcon	1	turloughs; resting, hunting, mobbing, calling, sitting on ground in front of hide initially, then seen hunting and causing chaos, making counting very difficult. also mobbed a buzzard perched in a hedgerow.	PDC



Map Legend

- EIAR Site Boundary
- Proposed Turbine Location
- 500m Radius of Turbines
- Flight Observation

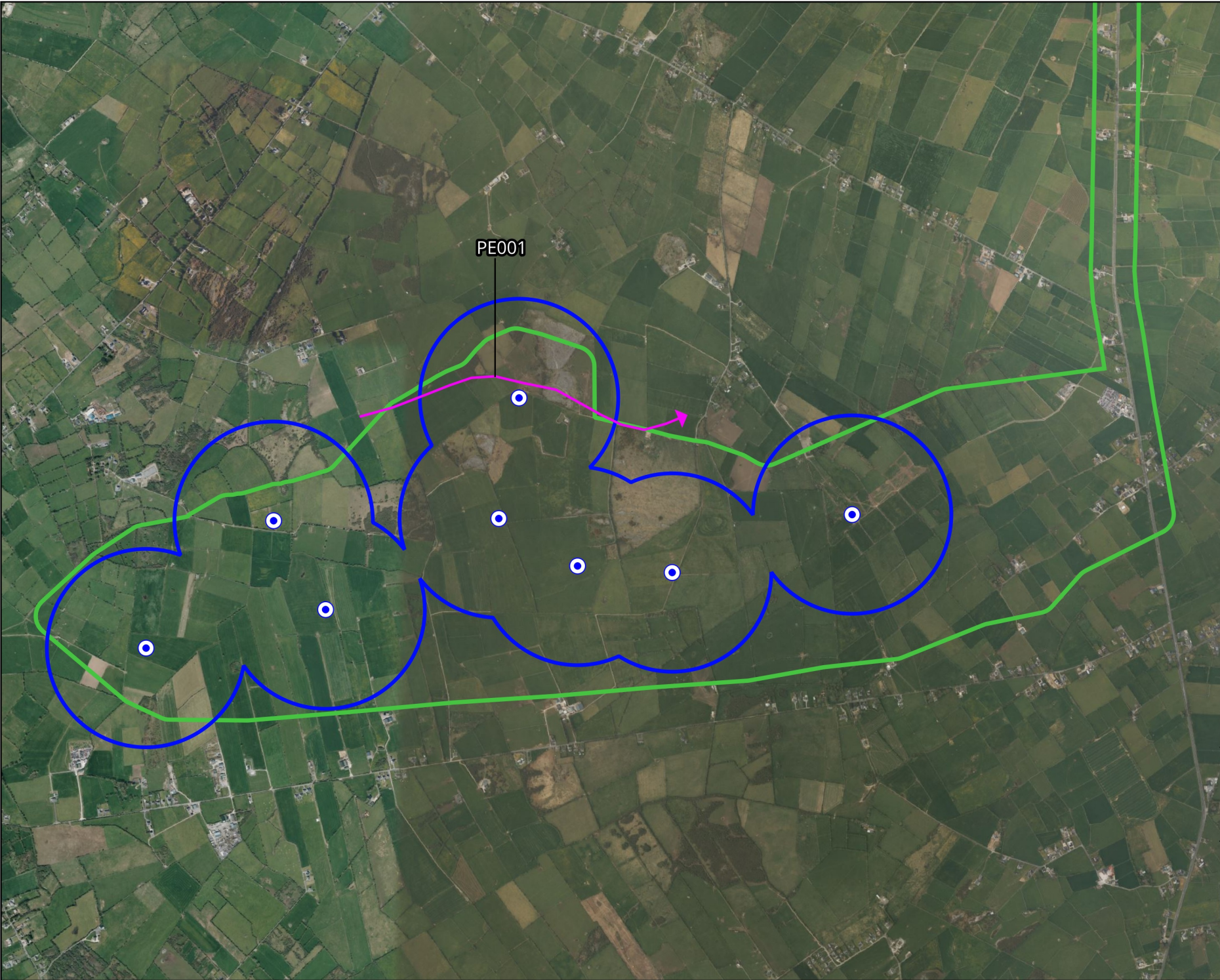


Drawing Title
Peregrine Falcon Observations
Vantage Point Survey

Project Title
Laurclavagh Renewable Energy
Development

Drawn By ZE	Checked By DW
Project No. 210627	Drawing No. Fig 7-4-11
Scale 1:25,000	Date 14.07.25

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Map Legend

- EIAR Site Boundary
- Proposed Turbine Location
- 500m Radius of Turbines
- Flight Observation



Drawing Title
Peregrine Falcon Observations
Winter Walkover Surveys

Project Title
Laurclavagh Renewable Energy
Development

Drawn By
ZE

Checked By
DW

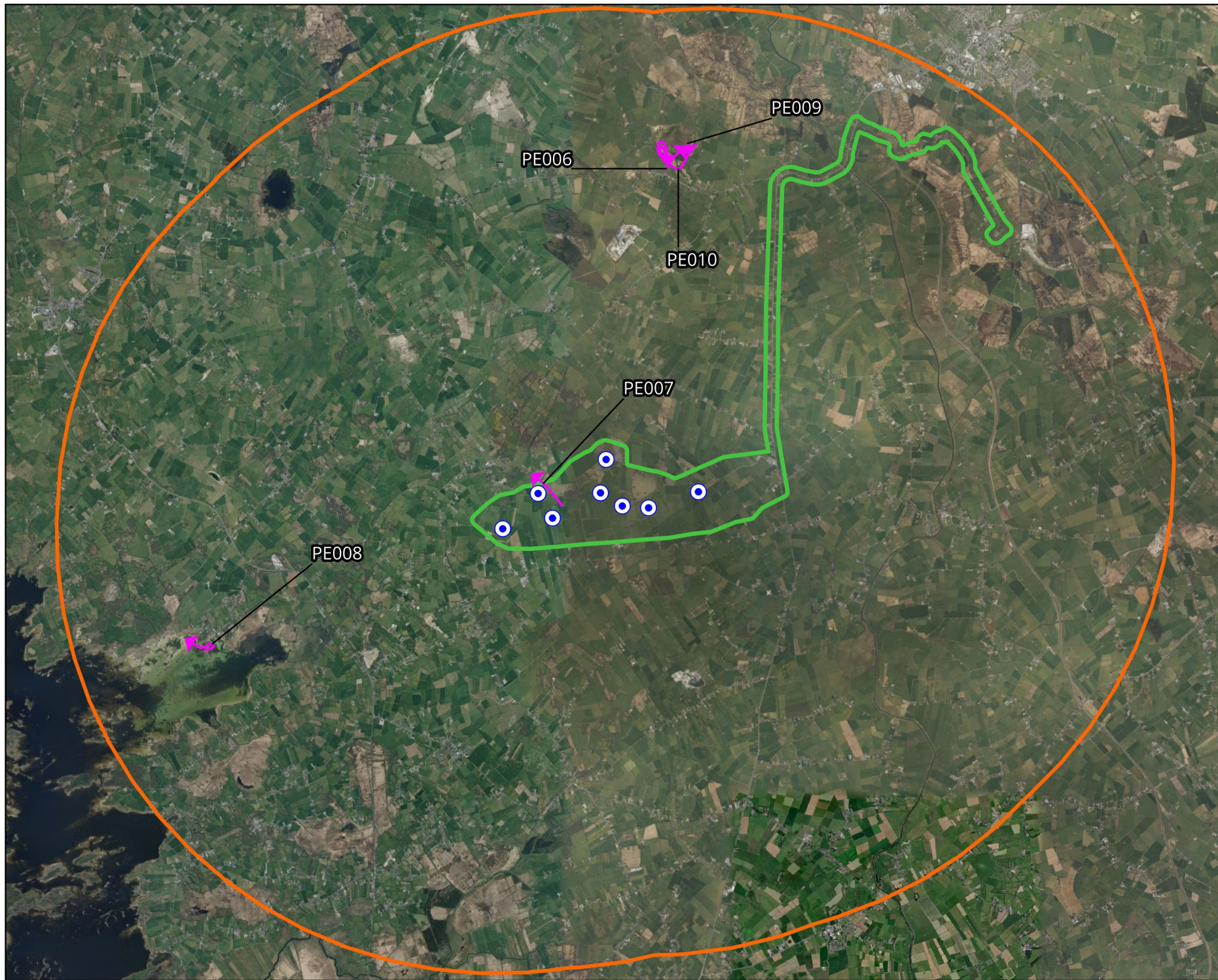
Project No.
210627

Drawing No.
Fig 7-4-12

Scale
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Map Legend

-  EIAR Site Boundary
-  Proposed Turbine Location
-  8km Survey Radius
-  Flight Observation



Drawing Title
**Peregrine Falcon
Incidental Observations**

Project Title
**Laurclavagh Renewable Energy
Development**

Drawn By ZE	Checked By DW
Project No. 210627	Drawing No. Fig 7-4-13
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6.

WHOOPEER SWAN

Table 7-4-14 Whooper Swan Vantage Point Survey data

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1 (0-15m)	Band 2 (15-25m)	Band 3 (25-200m)	Band 4 (>200m)	Habitat and activity	Surveyor
WS004	VP1	18/12/2023	15:46	Whooper Swan	1	239	0	0	239	0	improved grassland and scrub/transitional woodland; travelling, calling	LDV
WS005	VP2	09/10/2024	18:27	Whooper Swan	9	155	0	155	0	0	improved agricultural grassland and hedgerows; travelling, lost behind trees.	PDC
WS006	VP2	21/03/2025	06:35	Whooper Swan	6	51	45	6	0	0	improved agricultural grassland; flying	JD

Table 7-4-15 Whooper Swan Winter Walkover Survey data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
WS001	08/11/2023	09:56	Whooper Swan	4	improved grassland and scrub/transitional woodland; travelling (wintering)	LDV
WS002	17/01/2025	10:10	Whooper Swan	2	improved agricultural grassland; travelling, lost behind trees. seemed to be quite low when i lost them. (wintering)	PDC

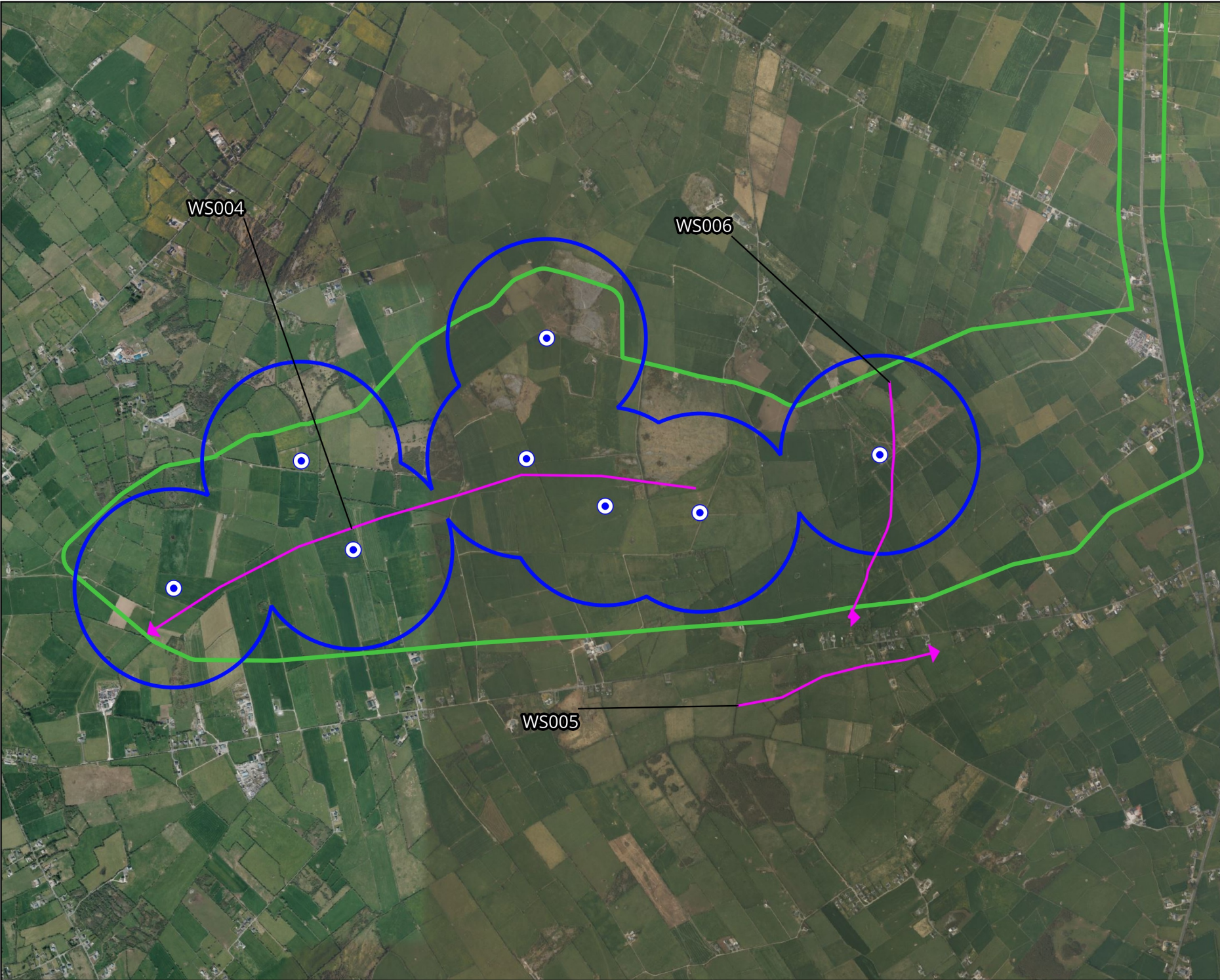
Table 7-4-16 Whooper Swan Waterbird Distribution and Abundance Survey data

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
WS025	Belclare turlough	24/10/2023	12:25	Whooper Swan	3	turloughs; foraging	LDV
WS026	Bohercuill turlough	24/10/2023	13:27	Whooper Swan	7	turloughs; foraging	LDV
WS027	Dalys	07/11/2023	09:01	Whooper Swan	6	wet grassland; foraging, on flooded fields	LDV
WS028	Cloonmore	07/11/2023	09:17	Whooper Swan	22	improved grassland and wet grassland; foraging in field	LDV
WS029	Claretuam flooded fields	07/11/2023	09:53	Whooper Swan	20	improved grassland; foraging in field	LDV
WS030	Belclare turlough	07/11/2023	10:59	Whooper Swan	7	turloughs; foraging	LDV
WS031	Bohercuill turlough	07/11/2023	11:51	Whooper Swan	56	turloughs; on water	LDV
WS032	Bredagh turlough	07/11/2023	12:15	Whooper Swan	2	turloughs; on water	LDV
WS033	Belclare turlough	22/11/2023	11:32	Whooper Swan	3	reservoirs; foraging	LDV
WS034	Bohercuill turlough	22/11/2023	12:11	Whooper Swan	32	turloughs; foraging	LDV
WS035	Claretuam	06/12/2023	11:14	Whooper Swan	85	improved grassland; foraging	LDV
WS036	Bohercuill turlough	06/12/2023	12:58	Whooper Swan	2	turloughs; on water	LDV
WS037	Bohercuill turlough	20/12/2023	11:35	Whooper Swan	2	turloughs; foraging	LDV

Ref	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
WS038	Claretuam	20/12/2023	13:57	Whooper Swan	2	improved grassland; foraging	LDV
WS039	Monrad	20/12/2023	14:22	Whooper Swan	15	improved grassland; foraging	LDV
WS040	Clough north	20/12/2023	14:23	Whooper Swan	22	improved grassland; foraging	LDV
WS041	Claretuam	09/02/2024	10:57	Whooper Swan	4	improved grassland; travelling	LDV
WS042	Belclare turlough	09/02/2024	11:27	Whooper Swan	3	turloughs; foraging	LDV
WS043	Claretuam	22/02/2024	11:17	Whooper Swan	41	improved grassland; foraging	LDV
WS044	Claretuam	04/03/2024	10:04	Whooper Swan	98	improved grassland; foraging	LDV
WS045	Cloonmore	20/03/2024	12:04	Whooper Swan	41	improved grassland and wet grassland; foraging	LDV
WS046	Belclare turlough	20/03/2024	12:42	Whooper Swan	1	turloughs; foraging	LDV
WS047	Belclare Turlough	05/12/2024	11:00	Whooper Swan	16	lakes and ponds; foraging	PM
WS048	Belclare Turlough	05/12/2024	11:00	Whooper Swan	7	lakes and ponds; foraging	PM
WS049	Bohercuill Turlough	05/12/2024	12:12	Whooper Swan	12	lakes and ponds; foraging	PM
WS050	Bredagh Turlough	05/12/2024	12:21	Whooper Swan	8	lakes and ponds; foraging	PM
WS051	Belclare Turlough	12/12/2024	10:53	Whooper Swan	1	lakes and ponds; foraging	PM
WS052	Belclare Turlough	12/12/2024	10:58	Whooper Swan	8	lakes and ponds; foraging	PM
WS053	Belclare Turlough	12/12/2024	10:59	Whooper Swan	5	lakes and ponds; foraging	PM
WS054	Daly's Bridge	12/12/2024	13:45	Whooper Swan	5	improved agricultural grassland; foraging	PM
WS055	Belclare Turlough	13/01/2025	10:41	Whooper Swan	102	turloughs; foraging, i arrived just before sunrise, so these swans were roosting here	PDC
WS056	Belclare turlough	23/01/2025	10:00	Whooper Swan	115	turloughs; roosting, foraging	PDC
WS057	Belclare Turlough	13/02/2025	09:55	Whooper Swan	5	lakes and ponds; foraging	NL
WS058	Belclare Turlough	25/02/2025	10:40	Whooper Swan	20	lakes and ponds; foraging	NL

Table 7-4-17 Whooper Swan Incidental Observations

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
WS002	Hen Harrier Roost Survey; HHVP2a	13/12/2023	08:49	Whooper Swan	1	improved grassland and scrub/transitional woodland; travelling	LDV
WS003	Hen Harrier Roost Survey; lough afoor	10/10/2024	08:54	Whooper Swan	19	improved agricultural grassland; travelling	PDC
WS004	Vantage Point Survey; vp2	21/03/2025	09:02	Whooper Swan	10	improved agricultural grassland and scrub/transitional woodland; flying, calling, seen during lunch break	JD
WS005	Hen Harrier Roost Survey; HHVP3	31/03/2025	20:43	Whooper Swan	70	improved agricultural grassland; travelling, approx. count due to distance and low light	LDV



Map Legend

- EIAR Site Boundary
- Proposed Turbine Location
- 500m Radius of Turbines
- Flight Observation



Drawing Title
**Whooper Swan Observations
Vantage Point Survey**

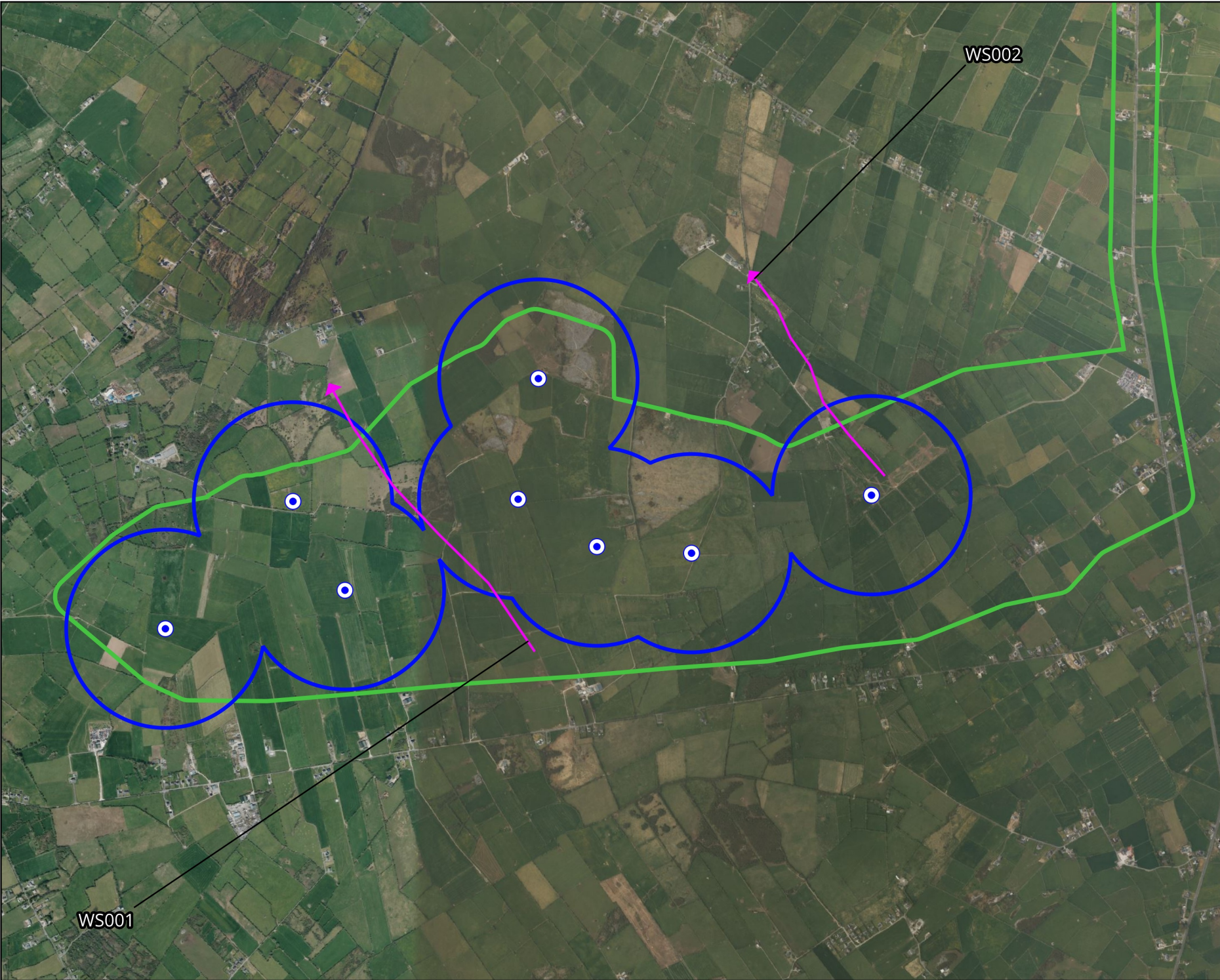
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Map Legend

- EIAR Site Boundary
- ⊙ Proposed Turbine Location
- ⬜ 500m Radius of Turbines
- ➡ Flight Observation



Drawing Title
**Whooper Swan Observations
Winter Walkover Surveys**

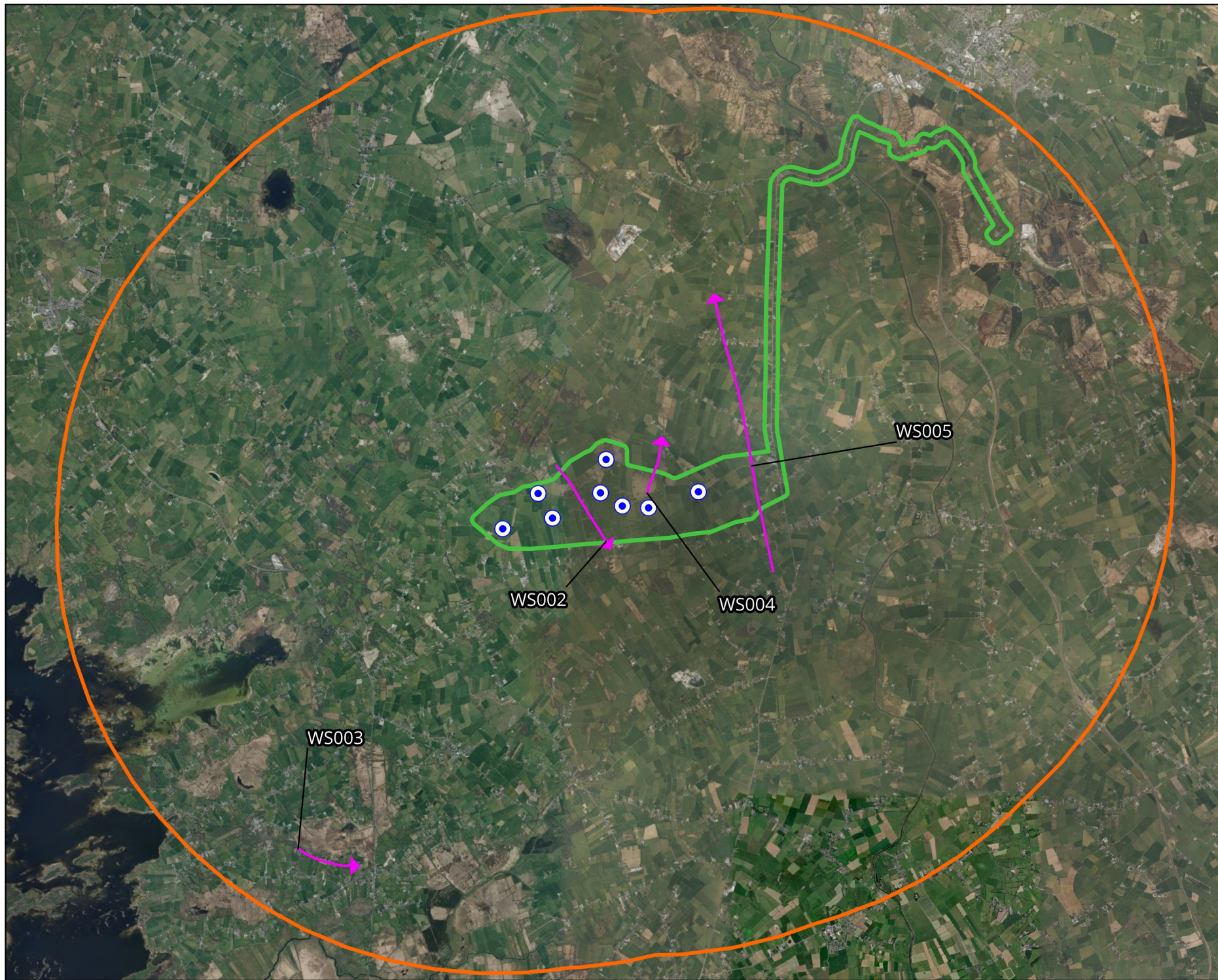
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Project No. 210627	Drawing No. Fig 7-4-15
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Map Legend

-  EIAR Site Boundary
-  Proposed Turbine Location
-  8km Survey Radius
-  Flight Observation



Drawing Title
**Whooper Swan
Incidental Observations**

Project Title
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7.

BLACK-HEADED GULL

Table 7-4-18 Black-headed Gull Vantage Point Survey data

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1 (0-15m)	Band 2 (15-25m)	Band 3 (25-200m)	Band 4 (>200m)	Habitat and activity	Surveyor
BH043	VP1	06/10/2023	14:44	Black-headed Gull	2	74	0	74	0	0	improved grassland; travelling	LDV
BH044	VP1	09/11/2023	08:14	Black-headed Gull	4	71	0	71	0	0	improved grassland; travelling	LDV
BH045	VP1	09/11/2023	08:38	Black-headed Gull	7	-	-	-	-	-	improved grassland; on field	LDV
BH046	VP1	09/11/2023	08:56	Black-headed Gull	2	-	-	-	-	-	improved grassland; on field	LDV
BH047	VP1	09/01/2024	12:46	Black-headed Gull	1	32	32	0	0	0	improved grassland; flying	LDV
BH048	VP1b	07/06/2024	07:55	Black-headed Gull	7	78	28	40	10	0	improved grassland; travelling	LDV
BH049	VP1b	07/06/2024	08:11	Black-headed Gull	1	10	0	10	0	0	improved grassland; travelling, observed while following a buzzard	LDV
BH050	VP1b	07/06/2024	09:08	Black-headed Gull	1	86	0	0	86	0	improved grassland; travelling	LDV
BH051	VP1b	07/06/2024	09:40	Black-headed Gull	3	106	80	26	0	0	improved grassland; travelling	LDV
BH052	VP1b	07/06/2024	11:41	Black-headed Gull	8	172	0	0	172	0	improved grassland; travelling	LDV
BH053	VP1b	07/06/2024	11:42	Black-headed Gull	3	41	0	41	0	0	improved grassland; travelling	LDV
BH054	VP1b	07/06/2024	11:50	Black-headed Gull	4	22	22	0	0	0	improved grassland; travelling	LDV
BH055	VP1b	07/06/2024	11:59	Black-headed Gull	2	109	0	0	109	0	improved grassland; travelling	LDV
BH056	VP1b	07/06/2024	11:59	Black-headed Gull	2	61	0	61	0	0	improved grassland; travelling	LDV
BH057	VP1b	07/06/2024	12:02	Black-headed Gull	3	51	0	51	0	0	improved grassland; travelling	LDV
BH058	VP1b	07/06/2024	12:08	Black-headed Gull	3	73	50	23	0	0	improved grassland; travelling	LDV

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1 (0-15m)	Band 2 (15-25m)	Band 3 (25-200m)	Band 4 (>200m)	Habitat and activity	Surveyor
BH059	VP1b	07/06/2024	12:33	Black-headed Gull	8	92	0	0	92	0	improved grassland; travelling	LDV
BH060	VP1b	07/06/2024	12:41	Black-headed Gull	1	18	0	18	0	0	improved grassland; travelling	LDV
BH061	VP1b	07/06/2024	12:49	Black-headed Gull	2	27	0	27	0	0	improved grassland; travelling	LDV
BH062	VP1b	07/06/2024	13:02	Black-headed Gull	1	31	0	31	0	0	improved grassland; travelling	LDV
BH063	VP1b	07/06/2024	13:21	Black-headed Gull	8	47	30	17	0	0	improved grassland; travelling	LDV
BH064	VP1b	07/06/2024	13:52	Black-headed Gull	3	29	10	19	0	0	improved grassland; travelling	LDV
BH065	VP1b	05/07/2024	11:10	Black-headed Gull	1	57	0	40	17	0	improved grassland; travelling	LDV
BH066	VP1b	05/07/2024	11:19	Black-headed Gull	1	66	36	30	0	0	improved grassland; travelling	LDV
BH067	VP1b	05/07/2024	11:23	Black-headed Gull	1	18	18	0	0	0	improved grassland; travelling	LDV
BH068	VP1b	10/12/2024	11:12	Black-headed Gull	8	93	0	93	0	0	improved agricultural grassland; travelling	PDC
BH069	VP1b	10/12/2024	14:53	Black-headed Gull	2	78	0	78	0	0	improved agricultural grassland; travelling	PDC
BH070	VP1b	15/01/2025	11:06	Black-headed Gull	4	102	102	0	0	0	improved agricultural grassland; travelling	PDC
BH071	VP1b	11/03/2025	09:15	Black-headed Gull	2	61	61	0	0	0	improved agricultural grassland; travelling, seemed to drop into field	PDC

Table 7-4-19 Black-headed Gull Winter Walkover Survey data

Ref.	Date	Time	Species	Number	Habitat and activity
BH001	08/11/2023	09:57	Black-headed Gull	8	improved grassland; foraging in field (wintering)
BH002	12/03/2025	11:30	Black-headed Gull	3	improved agricultural grassland; flying (wintering)

Table 7-4-20 Black-headed Gull Breeding Walkover Survey data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
BH003	11/06/2024	08:28	Black-headed Gull	1	improved grassland; travelling (flyover; non-breeding)	LDV
BH004	11/06/2024	09:26	Black-headed Gull	6	improved grassland; circling (flyover; non-breeding)	LDV
BH005	02/07/2024	07:30	Black-headed Gull	5	improved grassland; foraging (flyover; non-breeding)	LDV
BH006	02/07/2024	09:22	Black-headed Gull	1	improved grassland; foraging (flyover; non-breeding)	LDV

Table 7-4-21 Black-headed Gull Waterbird Distribution and Abundance Survey data

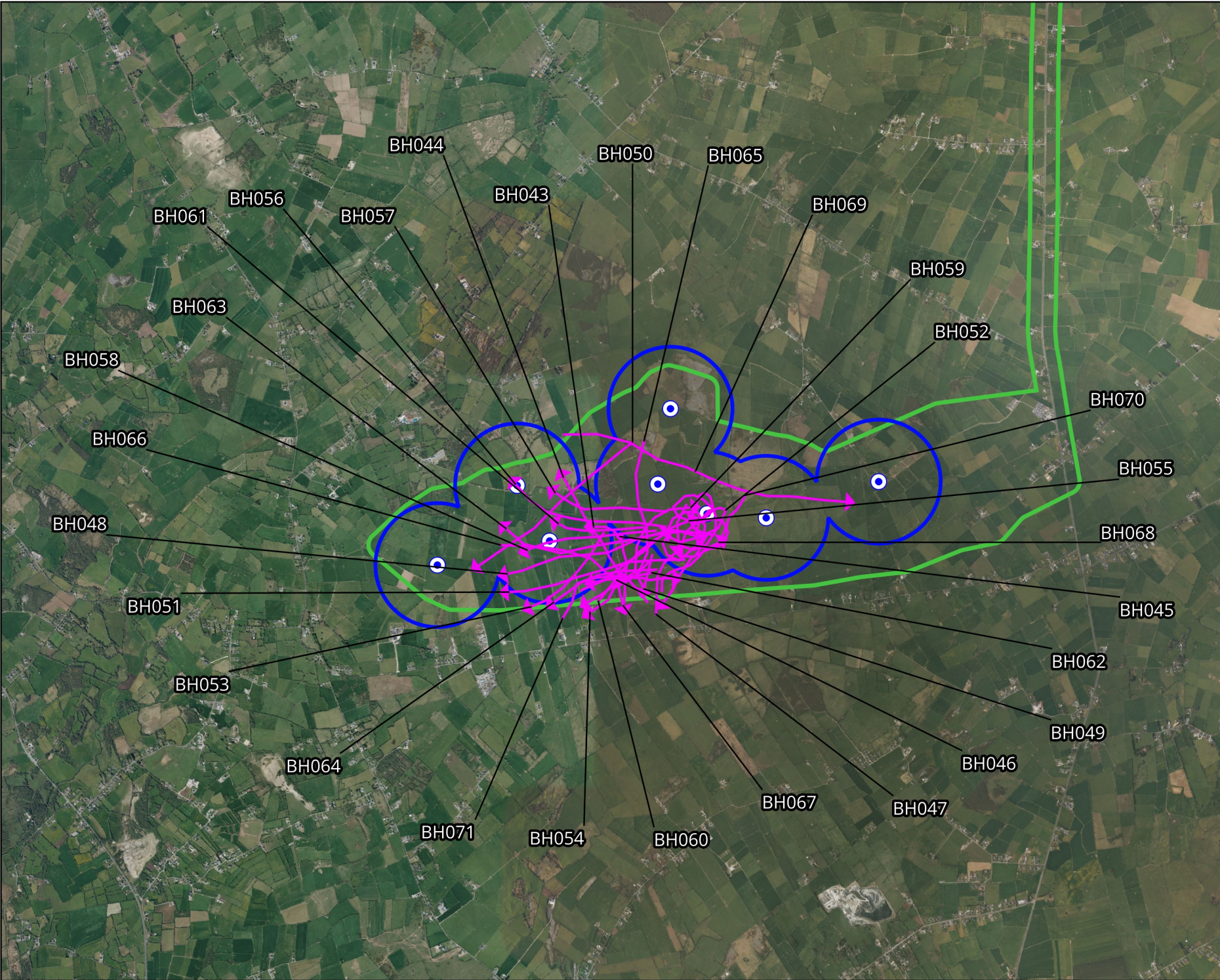
Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
BH073	Claretuam flooded fields	24/10/2023	10:15	Black-headed Gull	67	wet grassland; foraging	LDV
BH074	Claretuam	24/10/2023	10:24	Black-headed Gull	18	wet grassland; foraging	LDV
BH075	Belclare turlough	24/10/2023	12:20	Black-headed Gull	150	turloughs; foraging	LDV
BH076	Claretuam	07/11/2023	09:19	Black-headed Gull	9	wet grassland; in flooded field	LDV
BH077	Claretuam	07/11/2023	10:01	Black-headed Gull	17	lakes and ponds and improved grassland; foraging	LDV
BH078	Belclare turlough	07/11/2023	10:59	Black-headed Gull	100	turloughs; foraging	LDV
BH079	Bohercuill turlough	07/11/2023	11:52	Black-headed Gull	40	turloughs; roosting	LDV
BH080	Claretuam flooded fields	22/11/2023	09:42	Black-headed Gull	23	wet grassland; on water	LDV
BH081	Belclare turlough	22/11/2023	11:04	Black-headed Gull	5	turloughs; foraging	LDV
BH082	Bohercuill	22/11/2023	12:11	Black-headed Gull	80	improved grassland; in field	LDV
BH083	Bohercuill turlough	22/11/2023	12:13	Black-headed Gull	38	turloughs and improved grassland; roosting near water	LDV
BH084	Lough Hacket	06/12/2023	12:38	Black-headed Gull	18	lakes and ponds; roosting on bank	LDV
BH085	Bohercuill turlough	06/12/2023	12:59	Black-headed Gull	42	turloughs; roosting on bank	LDV
BH086	Bredagh turlough	06/12/2023	13:13	Black-headed Gull	1	turloughs; foraging	LDV
BH087	Bredagh turlough	20/12/2023	11:20	Black-headed Gull	140	turloughs and improved grassland; flying around	LDV
BH088	Bohercuill turlough	20/12/2023	11:38	Black-headed Gull	100	turloughs and improved grassland; roosting on bank	LDV
BH089	Annaghdown pier	24/01/2024	10:29	Black-headed Gull	3	lakes and ponds; travelling	LDV
BH090	Bohercuill turlough	09/02/2024	12:39	Black-headed Gull	110	turloughs and improved grassland; foraging	LDV
BH091	Belclare turlough	22/02/2024	12:08	Black-headed Gull	1	turloughs; roosting	LDV
BH092	Lough Hackett	22/02/2024	13:05	Black-headed Gull	32	lakes and ponds; roosting	LDV
BH093	Lough hacket	04/03/2024	12:10	Black-headed Gull	2	lakes and ponds; flying	LDV

Ref	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
BH094	Bohercuill turlough	04/03/2024	13:13	Black-headed Gull	7	turloughs; foraging	LDV
BH095	Belclare turlough	20/03/2024	12:40	Black-headed Gull	16	turloughs; foraging, flying	LDV
BH096	Lough hacket	20/03/2024	13:19	Black-headed Gull	16	lakes and ponds; roosting, foraging	LDV
BH097	Belclare turlough	09/04/2024	10:13	Black-headed Gull	12	turloughs; travelling, roosting, foraging	LDV
BH098	Lough Hacket	09/04/2024	10:56	Black-headed Gull	60	lakes and ponds; roosting, flying	LDV
BH099	Bohercuill turlough	09/04/2024	11:24	Black-headed Gull	40	turloughs; roosting, flying	LDV
BH100	Bredagh turlough	09/04/2024	11:46	Black-headed Gull	8	turloughs; roosting	LDV
BH101	Luimnagh pier	09/04/2024	12:27	Black-headed Gull	19	lakes and ponds; travelling	LDV
BH102	Belclare turlough	23/04/2024	12:42	Black-headed Gull	16	turloughs; foraging, roosting, flying	LDV
BH103	Lough Hacket	23/04/2024	13:12	Black-headed Gull	2	lakes and ponds; foraging, flying	LDV
BH104	Bohercuill turlough	23/04/2024	14:11	Black-headed Gull	31	turloughs; travelling, roosting, foraging	LDV
BH105	Annaghdown pier	23/04/2024	15:41	Black-headed Gull	9	turloughs; roosting	LDV
BH106	Carrownrooaun	08/05/2024	11:21	Black-headed Gull	22	improved grassland; foraging	LDV
BH107	Luimnagh pier	21/05/2024	12:06	Black-headed Gull	14	lakes and ponds; foraging, flying	LDV
BH108	Annaghdown pier	21/05/2024	12:46	Black-headed Gull	20	lakes and ponds; foraging	LDV
BH109	Bellclair	17/09/2024	11:37	Black-headed Gull	2	improved agricultural grassland and turloughs; resting	CC
BH110	Annaghdown Pier	31/10/2024	08:19	Black-headed Gull	1	lakes and ponds; perched	NL
BH111	Annaghdown Pier	31/10/2024	08:25	Black-headed Gull	3	lakes and ponds; perched	NL
BH112	Belclare Turlough	31/10/2024	10:17	Black-headed Gull	4	turloughs; flying	NL
BH113	Annaghdown Pier	12/11/2024	08:31	Black-headed Gull	1	lakes and ponds; foraging	NL
BH114	Belclare Turlough	05/12/2024	11:01	Black-headed Gull	9	lakes and ponds; foraging	PM
BH115	Bohercuill Turlough	05/12/2024	12:12	Black-headed Gull	8	lakes and ponds; roosting, on waters edge	PM
BH116	Annaghdown Pier	05/12/2024	13:18	Black-headed Gull	1	lakes and ponds; roosting	PM
BH117	Claretuam	12/12/2024	10:26	Black-headed Gull	35	improved agricultural grassland; foraging, in flooded field	PM
BH118	Belclare Turlough	12/12/2024	10:53	Black-headed Gull	5	lakes and ponds; foraging	PM
BH119	Belclare Turlough	12/12/2024	11:02	Black-headed Gull	5	lakes and ponds; foraging	PM
BH120	Belclare Turlough	12/12/2024	11:05	Black-headed Gull	6	lakes and ponds; foraging	PM
BH121	Belclare Turlough	12/12/2024	11:20	Black-headed Gull	1	lakes and ponds; foraging	PM
BH122	Lough Hackett	12/12/2024	11:51	Black-headed Gull	2	lakes and ponds; foraging	PM

Ref	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
BH123	Lough Hackett	12/12/2024	11:51	Black-headed Gull	1	lakes and ponds; roosting, on bank	PM
BH124	Bredagh Turlough	12/12/2024	12:27	Black-headed Gull	6	lakes and ponds; foraging	PM
BH125	Bohercuill Turlough	12/12/2024	12:27	Black-headed Gull	8	lakes and ponds; foraging	PM
BH126	Belclare Turlough	13/01/2025	10:45	Black-headed Gull	16	turloughs; foraging	PDC
BH127	Lough Hackett	13/01/2025	10:49	Black-headed Gull	9	wet grassland and lakes and ponds; foraging, in field with curlew	PDC
BH128	Oltore	23/01/2025	11:45	Black-headed Gull	41	improved agricultural grassland; foraging	PDC
BH129	Lough Hackett	13/02/2025	09:00	Black-headed Gull	6	lakes and ponds; circling	NL
BH130	Bullaun Bridge	13/02/2025	11:50	Black-headed Gull	15	lakes and ponds; flying	NL
BH131	Annaghdown Pier	25/02/2025	08:00	Black-headed Gull	1	improved agricultural grassland; flying	NL
BH132	Bredagh	25/02/2025	09:25	Black-headed Gull	1	lakes and ponds; flying	NL
BH133	Bohercuill Turlough	25/02/2025	09:25	Black-headed Gull	25	lakes and ponds; foraging, flying	NL
BH134	Bohercuill Turlough	25/02/2025	09:25	Black-headed Gull	25	lakes and ponds; foraging, flying	NL
BH135	Lough Hackett	25/02/2025	09:50	Black-headed Gull	15	lakes and ponds; foraging, flying	NL
BH136	Belclare Turlough	25/02/2025	10:40	Black-headed Gull	15	lakes and ponds; flying	NL
BH137	Belclare Turlough	25/02/2025	10:40	Black-headed Gull	1	lakes and ponds; foraging	NL
BH138	Belclare Turlough	13/03/2025	12:01	Black-headed Gull	2	lakes and ponds; roosting	PM
BH139	Belclare Turlough	13/03/2025	12:02	Black-headed Gull	10	lakes and ponds; foraging	PM
BH140	Belclare Turlough	13/03/2025	12:08	Black-headed Gull	5	lakes and ponds; foraging	PM
BH141	Lough Hackett	13/03/2025	12:37	Black-headed Gull	1	lakes and ponds; foraging	PM
BH142	Lough Hackett	13/03/2025	12:38	Black-headed Gull	4	lakes and ponds; flying	PM
BH143	Bohercuill Turlough	13/03/2025	12:48	Black-headed Gull	60	improved agricultural grassland; roosting	PM
BH144	Bredagh Turlough	13/03/2025	13:08	Black-headed Gull	15	improved agricultural grassland; flying	PM
BH145	Belclare Turlough	26/03/2025	13:59	Black-headed Gull	2	lakes and ponds; flying	PM
BH146	Belclare Turlough	26/03/2025	14:01	Black-headed Gull	2	lakes and ponds; roosting	PM
BH147	Belclare Turlough	26/03/2025	14:04	Black-headed Gull	2	lakes and ponds; foraging	PM
BH148	Lough Hackett	26/03/2025	14:47	Black-headed Gull	4	lakes and ponds; roosting	PM

Table 7-4-22 Black-headed Gull Incidental Observations

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
BH012	Breeding Raptor Survey; BR2	05/06/2024	12:12	Black-Headed Gull	1	improved grassland; travelling	LDV
BH013	Breeding Raptor Survey; BR2	05/06/2024	13:49	Black-Headed Gull	1	improved grassland; travelling	LDV
BH014	Breeding Raptor Survey; BR2	05/06/2024	14:06	Black-Headed Gull	1	improved grassland; travelling	LDV
BH015	Breeding Raptor Survey; BR3	05/06/2024	14:46	Black-Headed Gull	2	improved grassland and scrub/transitional woodland; travelling	LDV
BH016	Breeding Raptor Survey; BR3	05/06/2024	15:24	Black-Headed Gull	2	improved grassland; travelling	LDV
BH017	Breeding Raptor Survey; BR3	05/06/2024	16:33	Black-Headed Gull	1	improved grassland; travelling	LDV
BH018	Breeding Raptor Survey; BR3	05/06/2024	16:38	Black-Headed Gull	4	improved grassland; travelling	LDV
BH019	Breeding Raptor Survey; BR1	10/06/2024	13:56	Black-Headed Gull	1	improved grassland; travelling	LDV
BH020	Breeding Raptor Survey; BR1	10/06/2024	15:59	Black-Headed Gull	14	improved grassland; foraging, following a tractor cutting the grass	LDV
BH021	Breeding Raptor Survey; BR4	17/06/2024	14:11	Black-Headed Gull	16	improved grassland; foraging, over freshly cut grass	LDV
BH022	Hen Harrier Roost Survey; Cluidrevagh	14/10/2024	08:34	Black-Headed Gull	1	improved agricultural grassland; travelling	PDC
BH023	Vantage Point Survey; Kilcurriv Eighter	11/12/2024	11:44	Black-Headed Gull	1	improved agricultural grassland; travelling	PDC
BH024	Hen Harrier Roost Survey; HHVP2a	16/12/2024	15:02	Black-Headed Gull	1	improved agricultural grassland; flying	ZOC
BH025	Hen Harrier Roost Survey; bunahevelly more	16/01/2025	16:33	Black-Headed Gull	16	improved agricultural grassland; travelling, foraging	OC
BH026	Hen Harrier Roost Survey; laurclavagh	28/01/2025	16:37	Black-Headed Gull	4	improved agricultural grassland; foraging	OC
BH027	Hen Harrier Roost Survey; hhvp1	18/03/2025	17:54	Black-Headed Gull	47	bogs; flying, calling	JD



- Map Legend
- EIAR Site Boundary
 - ⊙ Proposed Turbine Location
 - 500m Radius of Turbines
 - Flight Observation
 - ◆ Observation



Drawing Title
Black-headed Gull Observations
Vantage Point Survey

Project Title
Laurclavagh Renewable Energy
Development

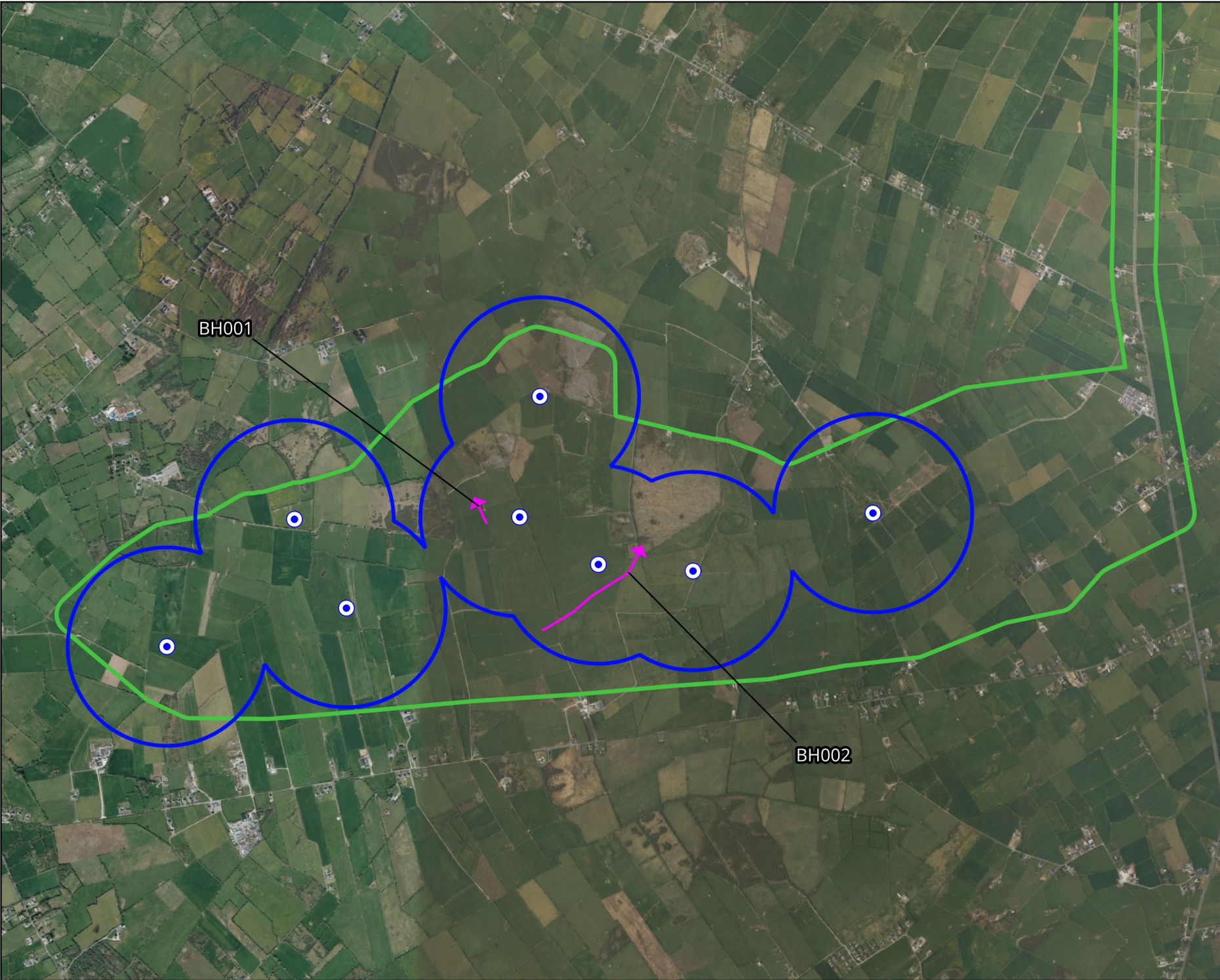
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- EIAR Site Boundary
- ⊙ Proposed Turbine Location
- 500m Radius of Turbines
- Flight Observation



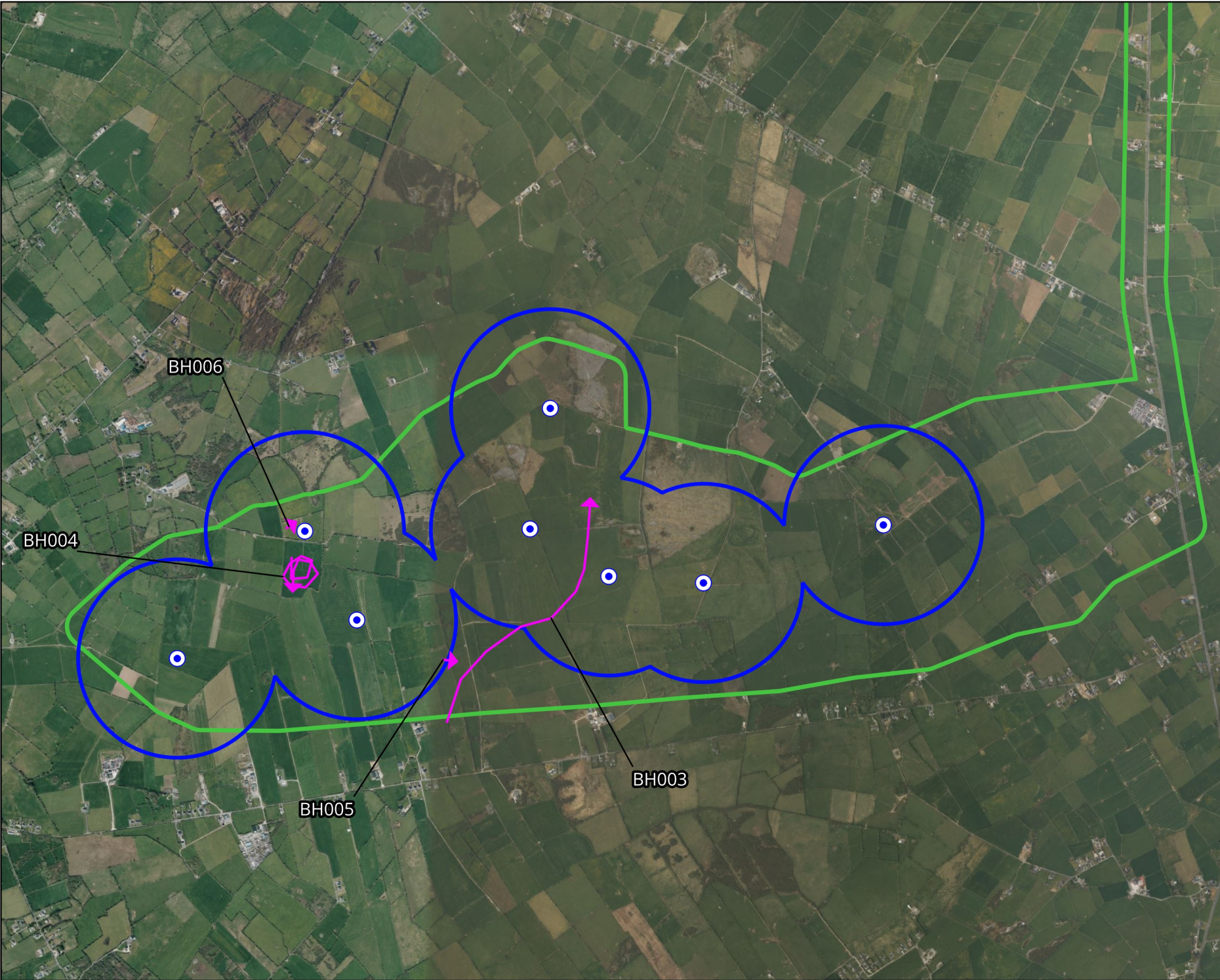
Drawing Title
**Black-headed Gull Observations
Winter Walkover Surveys**

Project Title
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Map Legend

- EIA Site Boundary
- Proposed Turbine Location
- 500m Radius of Turbines
- Flight Observation



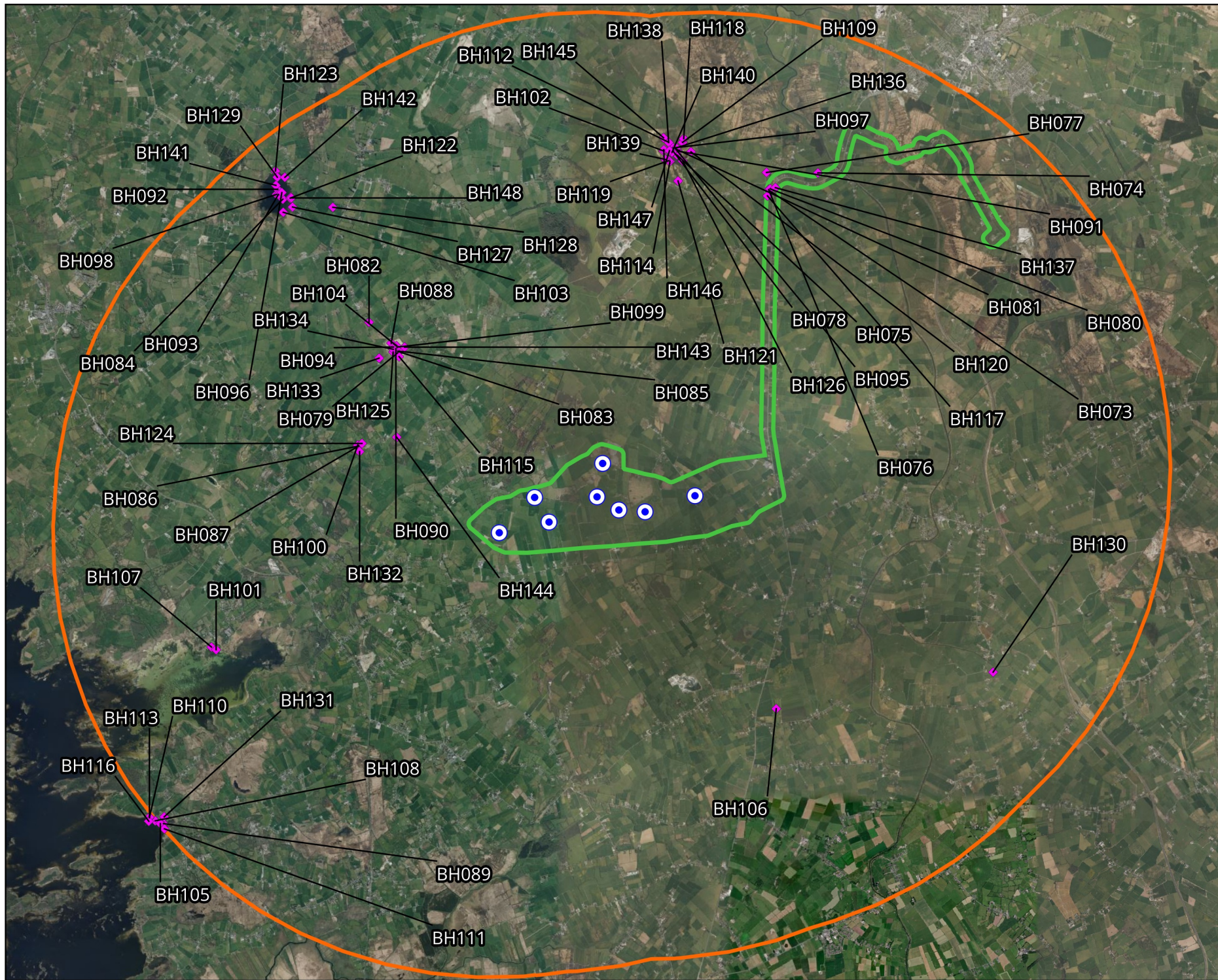
Drawing Title
Black-headed Gull Observations
Breeding Walkover Surveys

Project Title
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- Map Legend
- EIAR Site Boundary
 - Proposed Turbine Location
 - 8km Survey Radius
 - ◆ Observation



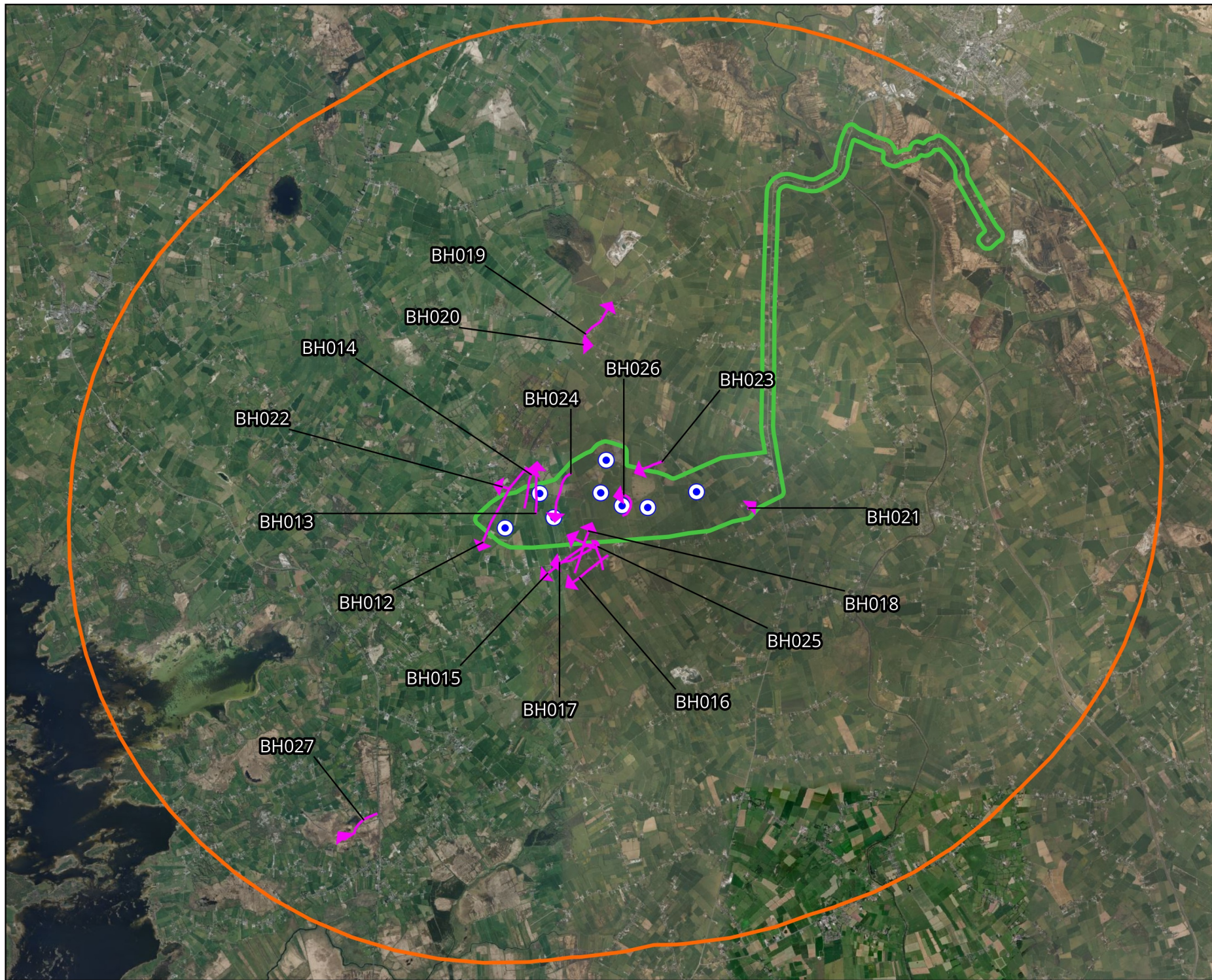
Drawing Title
**Black-headed Gull Observations
 Waterbird Distribution Surveys**

Project Title
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Map Legend

- EIAR Site Boundary
- Proposed Turbine Location
- 8km Survey Radius
- Flight Observation



Drawing Title Black-headed Gull Incidental Observations	
Project Title Laurclavagh Renewable Energy Development	
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8.

COMMON GULL

Table 7-4-23 Common Gull Vantage Point Survey data

Ref	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1 (0-15m)	Band 2 (15-25m)	Band 3 (25-200m)	Band 4 (>200m)	Habitat and activity	Surveyor
CM005	VP1	09/11/2023	08:55	Common Gull	17	-	-	-	-	-	improved grassland; on field	LDV
CM006	VP1	09/11/2023	08:56	Common Gull	3	78	0	78	0	0	improved grassland; travelling	LDV
CM007	VP1	09/11/2023	09:07	Common Gull	4	48	38	10	0	0	improved grassland; travelling	LDV
CM008	VP1	18/12/2023	11:32	Common Gull	2	-	-	-	-	-	improved grassland; foraging	LDV
CM009	VP1	09/01/2024	11:47	Common Gull	12	47	47	0	0	0	improved grassland; flying	LDV
CM010	VP1	09/01/2024	11:48	Common Gull	15	-	-	-	-	-	improved grassland; foraging	LDV
CM011	VP2	25/01/2024	12:44	Common Gull	1	89	50	39	0	0	improved grassland; travelling	LDV
CM012	VP1	02/02/2024	13:43	Common Gull	1	38	0	20	18	0	improved grassland; travelling	LDV
CM013	VP1	02/02/2024	15:43	Common Gull	2	62	0	62	0	0	improved grassland; travelling	LDV
CM014	VP2	12/02/2024	12:28	Common Gull	1	21	0	21	0	0	improved grassland; travelling	LDV
CM015	VP1b	07/06/2024	13:21	Common Gull	1	47	30	17	0	0	improved grassland; travelling	LDV
CM016	VP1b	11/02/2025	14:28	Common Gull	8	-	-	-	-	-	improved agricultural grassland; foraging, area of field is flooded	PDC
CM017	VP1b	11/02/2025	14:30	Common Gull	4	89	89	0	0	0	improved agricultural grassland; travelling, four of the eight common gull that were foraging	PDC
CM018	VP1b	11/02/2025	14:32	Common Gull	1	19	19	0	0	0	improved agricultural grassland; travelling, one of the eight foraging common gulls	PDC
CM019	VP1b	11/02/2025	14:33	Common Gull	3	73	73	0	0	0	improved agricultural grassland; travelling, the three remaining birds flew around and dropped back into the same field.	PDC
CM020	VP1b	11/02/2025	14:53	Common Gull	1	93	93	0	0	0	improved agricultural grassland; travelling, another of the eight foraging gulls departs	PDC
CM021	VP1b	11/03/2025	09:18	Common Gull	1	32	32	0	0	0	improved agricultural grassland; travelling	PDC

Table 7-4-24 Common Gull Breeding Walkover Survey data

Ref	Date	Time	Species	Number	Habitat and activity	Surveyor
CM001	11/06/2024	08:27	Common Gull	1	improved grassland; travelling (flyover; non-breeding)	LDV

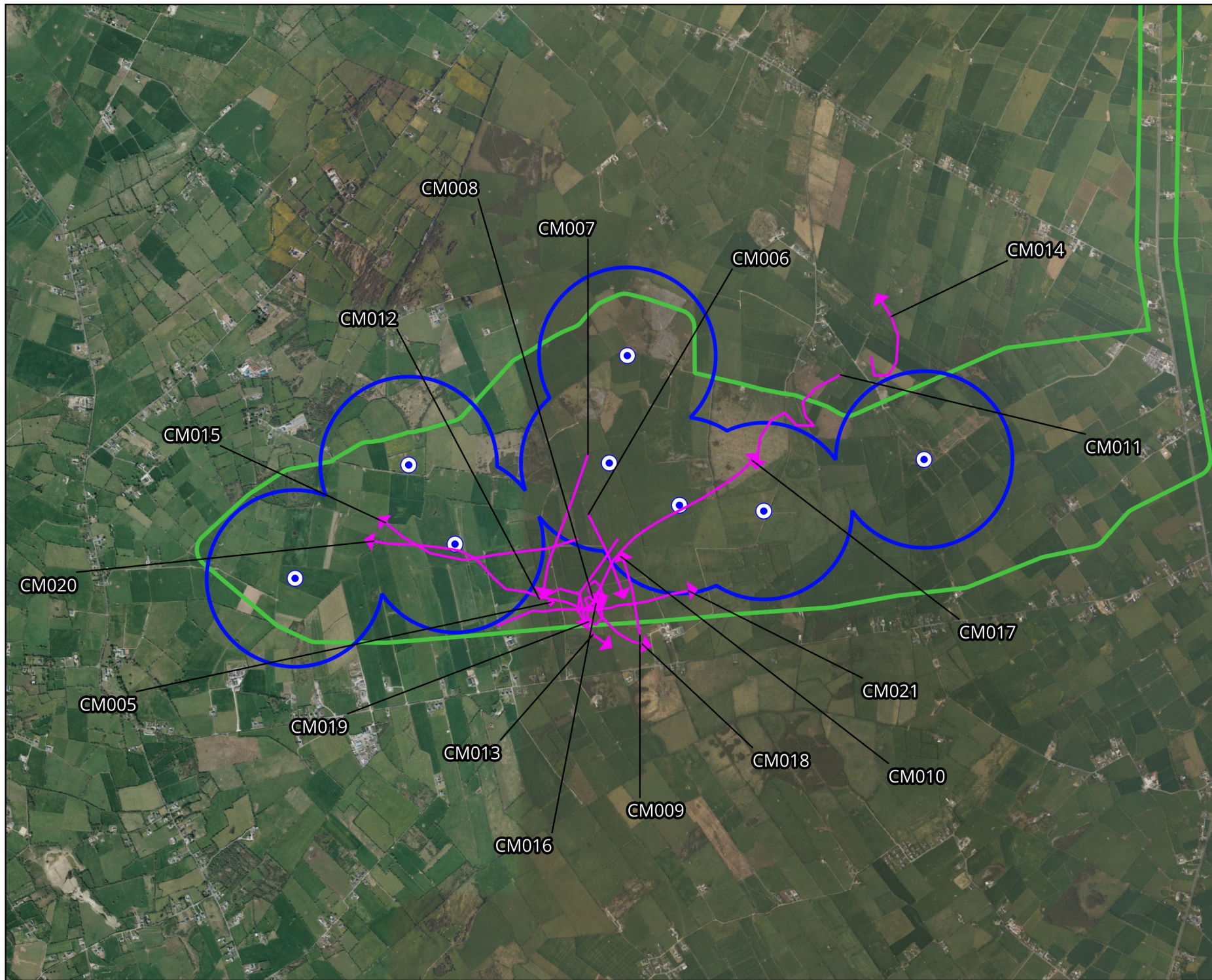
Table 7-4-25 Common Gull Waterbird Distribution and Abundance Survey data

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
CM013	Belclare turlough	07/11/2023	11:00	Common Gull	5	turloughs; foraging	LDV
CM014	Bohercuill turlough	22/11/2023	12:13	Common Gull	15	turloughs and improved grassland; roosting near water	LDV
CM015	Luimnagh pier	24/01/2024	10:59	Common Gull	13	lakes and ponds; roosting	LDV
CM016	Bredagh turlough	24/01/2024	11:44	Common Gull	600	turloughs and improved grassland; roosting flying, about 500 roosting on water and 100 flying around	LDV
CM017	Fearagha turlough	24/01/2024	12:03	Common Gull	80	turloughs; roosting	LDV
CM018	Bohercuill turlough	24/01/2024	12:06	Common Gull	60	turloughs; roosting	LDV
CM019	Donaghpatrick	24/01/2024	13:20	Common Gull	100	improved grassland; flying	LDV
CM020	Bohercuill turlough	09/02/2024	12:42	Common Gull	160	turloughs; roosting	LDV
CM021	Bohercuill turlough	22/02/2024	13:21	Common Gull	400	turloughs; roosting	LDV
CM022	Bohercuill	22/02/2024	13:24	Common Gull	150	improved grassland; foraging	LDV
CM023	Bohercuill turlough	22/02/2024	13:24	Common Gull	100	improved grassland; foraging	LDV
CM024	Bredagh turlough	22/02/2024	13:57	Common Gull	70	turloughs and improved grassland; flying	LDV
CM025	Annaghdown pier	22/02/2024	15:47	Common Gull	18	lakes and ponds; roosting	LDV
CM026	Bohercuill turlough	04/03/2024	13:12	Common Gull	300	improved grassland and turloughs; roosting	LDV
CM027	Bredagh turlough	04/03/2024	13:47	Common Gull	80	improved grassland and turloughs; flying	LDV
CM028	Lough hacket	20/03/2024	13:18	Common Gull	180	improved grassland and lakes and ponds; roosting	LDV
CM029	Bohercuill turlough	20/03/2024	13:35	Common Gull	230	improved grassland and turloughs; roosting	LDV
CM030	Annaghdown pier	20/03/2024	15:18	Common Gull	5	lakes and ponds; foraging	LDV
CM031	Lough Hacket	09/04/2024	10:56	Common Gull	35	lakes and ponds; roosting, flying	LDV
CM032	Bohercuill turlough	09/04/2024	11:24	Common Gull	40	turloughs; roosting	LDV
CM033	Luimnagh pier	09/04/2024	12:26	Common Gull	6	lakes and ponds; travelling, roosting	LDV
CM034	Bohercuill turlough	23/04/2024	14:14	Common Gull	23	turloughs; roosting	LDV
CM035	Annaghdown pier	23/04/2024	15:41	Common Gull	16	lakes and ponds; foraging, flying	LDV
CM036	Annaghdown pier	08/05/2024	15:10	Common Gull	2	lakes and ponds; foraging	LDV
CM037	Annaghdown pier	21/05/2024	12:45	Common Gull	7	lakes and ponds; nesting, at least 7 nests on rocks in the lake	LDV
CM038	Lough Hacket	23/01/2025	10:56	Common Gull	161	lakes and ponds; resting, foraging	PDC
CM039	Annaghdown Pier	13/03/2025	13:47	Common Gull	3	lakes and ponds; roosting	PM

Ref	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
CM040	Lough Hackett	26/03/2025	14:47	Common Gull	226	lakes and ponds; roosting	PM
CM041	Manuslynn	26/03/2025	15:20	Common Gull	30	improved agricultural grassland; roosting	PM

Table 7-4-26 Common Gull Incidental Observations data

Ref	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
CM001	Hen Harrier Roost Survey; HHVP2a	29/01/2024	16:07	Common Gull	120	improved grassland; foraging, roosting, flying	LDV
CM002	Hen Harrier Roost Survey; HHVP1	05/03/2024	18:01	Common Gull	3	improved grassland; travelling	LDV
CM003	Breeding Raptor Survey; BR3	05/06/2024	17:34	Common Gull	1	improved grassland; travelling	LDV
CM004	Breeding Raptor Survey; BR4	17/06/2024	14:12	Common Gull	4	improved grassland; foraging, over freshly cut grass	LDV
CM005	Hen Harrier Roost Survey; bunahevelly more	16/01/2025	16:02	Common Gull	24	improved agricultural grassland; travelling, foraging	OC



Map Legend

- EIA Site Boundary
- ⊙ Proposed Turbine Location
- ⬜ 500m Radius of Turbines
- Flight Observation
- ◆ Observation

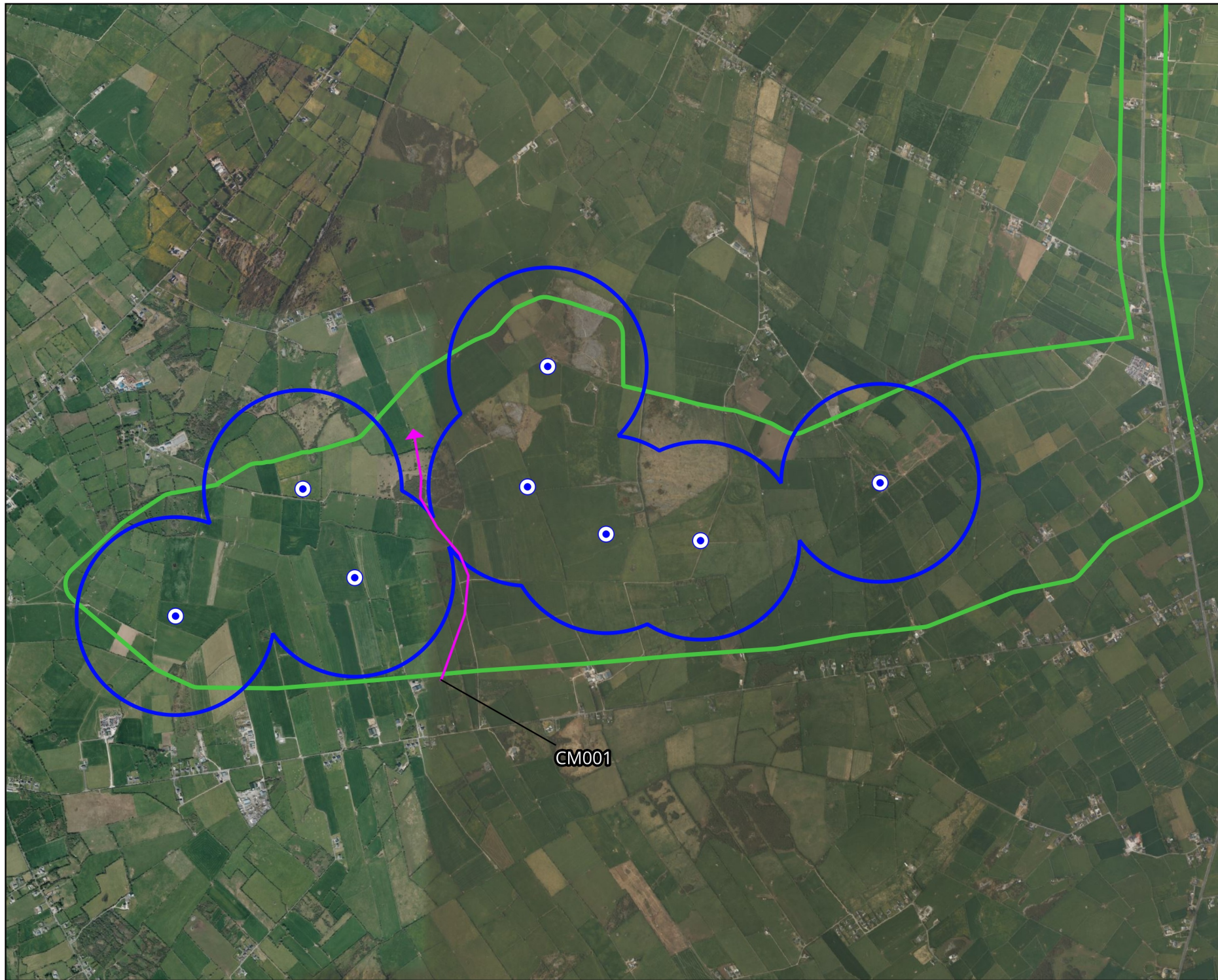


Drawing Title
**Common Gull Observations
Vantage Point Survey**

Project Title
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Map Legend

- EIAR Site Boundary
- ⊙ Proposed Turbine Location
- 500m Radius of Turbines
- Flight Observation

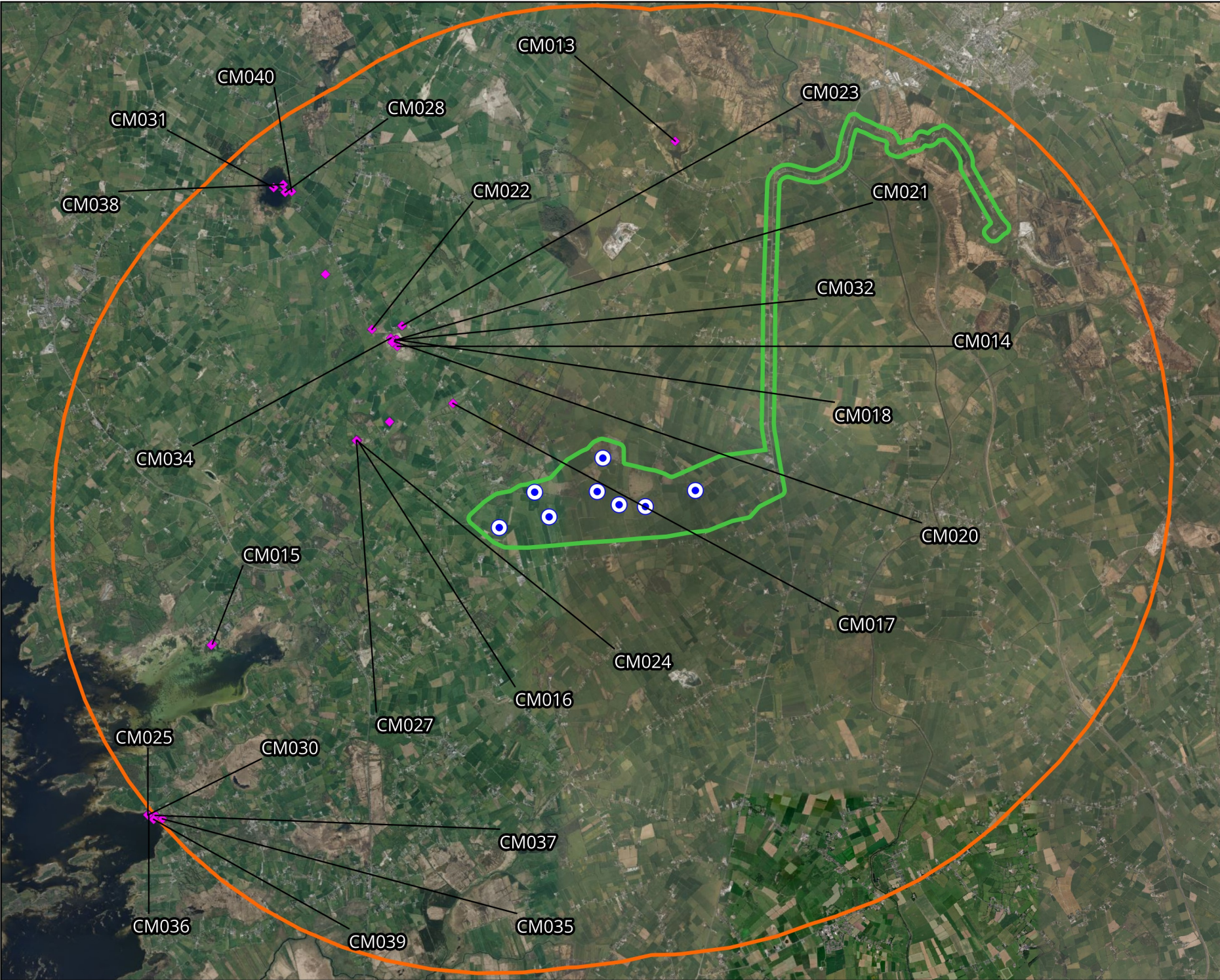


Drawing Title
**Common Gull Observations
Breeding Walkover Surveys**

Project Title
**Laurclavagh Renewable Energy
Development**

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- Map Legend
- EIAR Site Boundary
 - Proposed Turbine Location
 - 8km Survey Radius
 - ◆ Observation



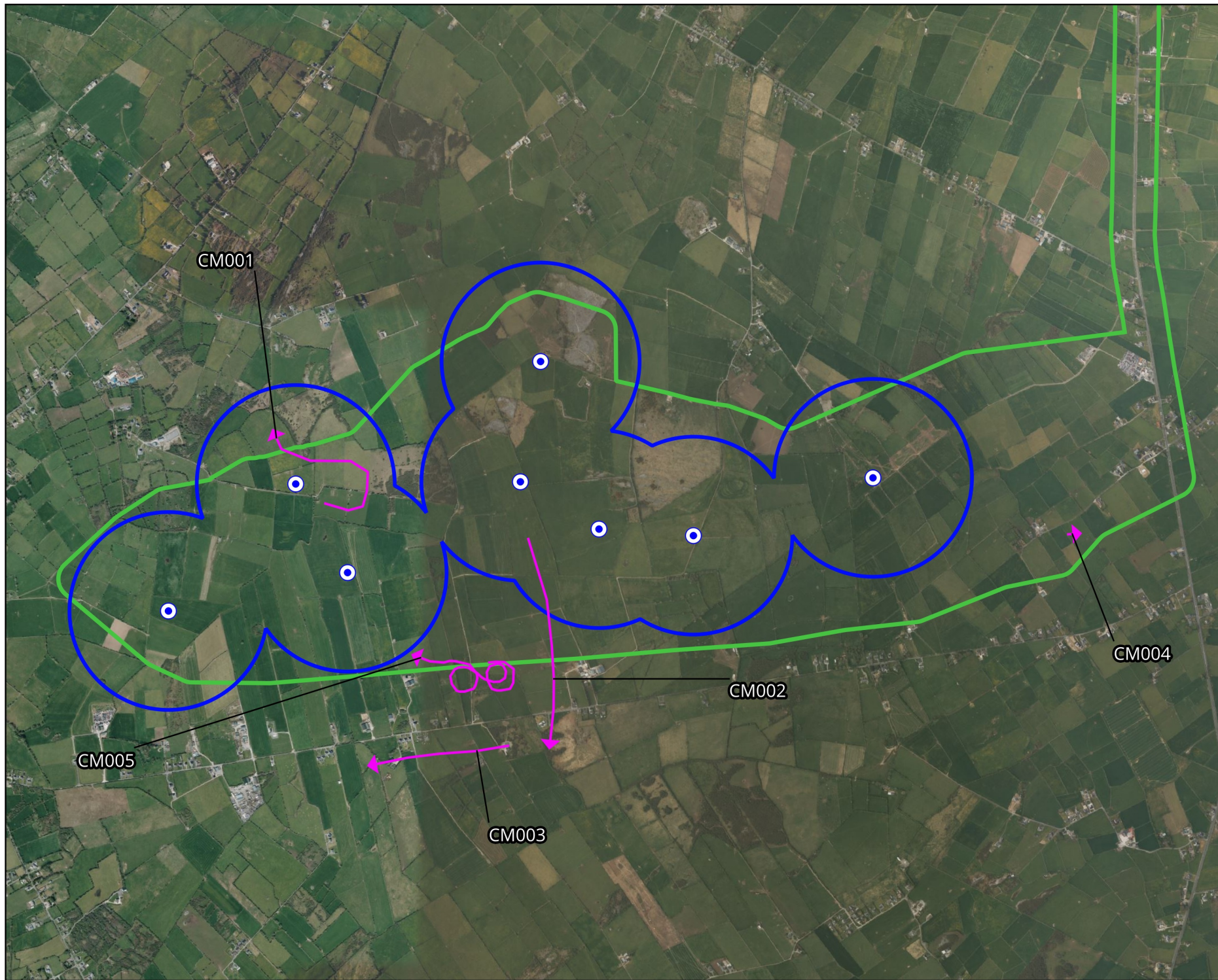
Drawing Title
Common Gull Observations
Waterbird Distribution Surveys

Project Title
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Common Gull Incidental Observations

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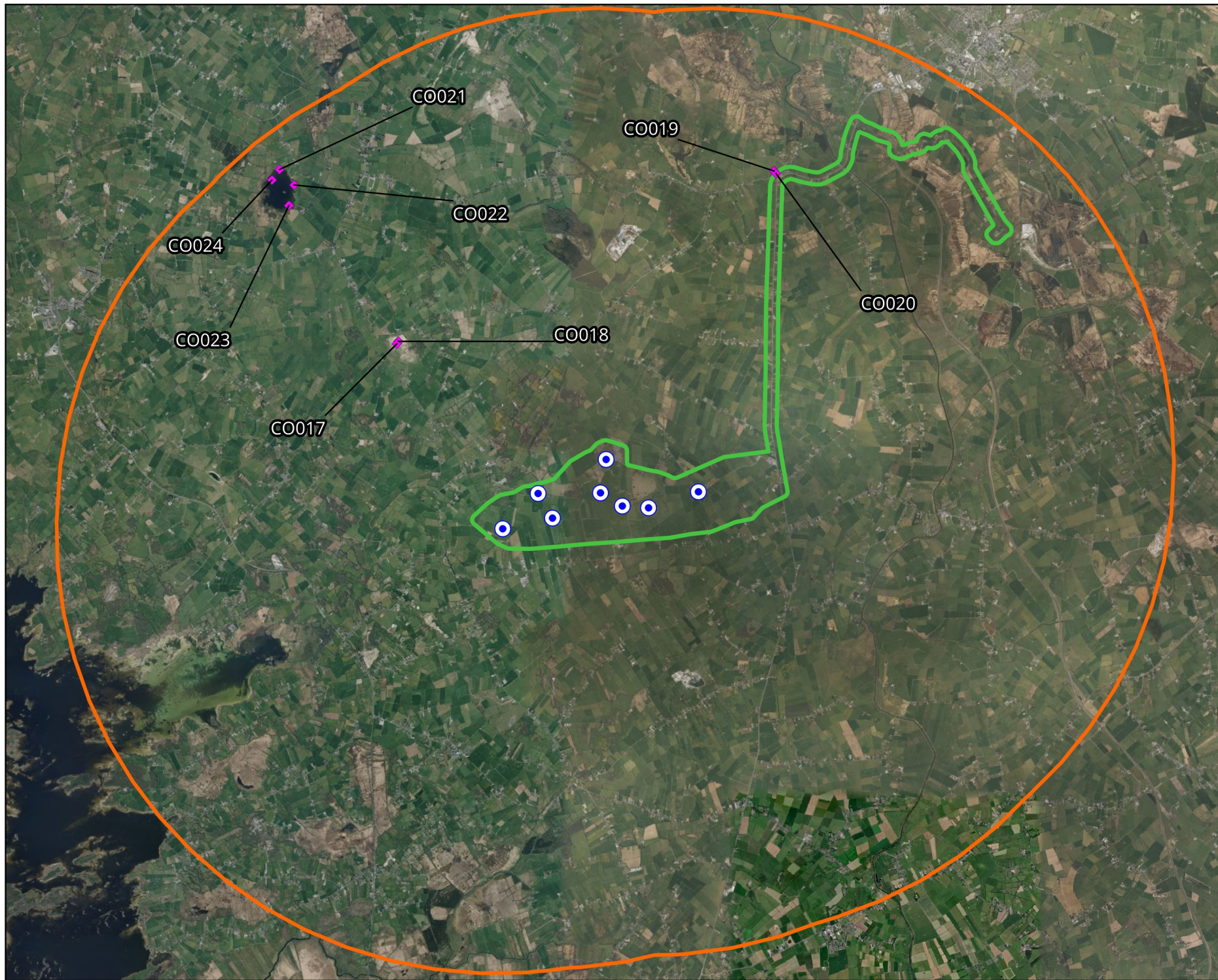
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9.

COOT

Table 7-4-27 Coot Waterbird Distribution and Abundance Survey data

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
CO017	Bohercuill turlough	04/03/2024	13:22	Coot	8	turloughs; foraging	LDV
CO018	Bohercuill turlough	09/04/2024	11:24	Coot	1	turloughs; foraging	LDV
CO019	Claretuam	29/08/2024	12:37	Coot	4	other artificial lakes and ponds; swimming, foraging	CC
CO020	Claretuam	17/09/2024	11:29	Coot	8	turloughs; foraging	CC
CO021	Lough Hackett	12/12/2024	11:51	Coot	3	lakes and ponds; foraging	PM
CO022	Lough Hackett	26/03/2025	14:48	Coot	2	lakes and ponds; foraging	PM
CO023	Lough Hackett	26/03/2025	14:48	Coot	1	lakes and ponds; foraging	PM
CO024	Lough Hackett	26/03/2025	14:49	Coot	9	lakes and ponds; foraging	PM



Map Legend

-  EIAR Site Boundary
-  Proposed Turbine Location
-  8km Survey Radius
-  Observation



Drawing Title
**Coot Observations
Waterbird Distribution Surveys**

Project Title
**Laurclavagh Renewable Energy
Development**

Drawn By ZE	Checked By DW
Project No. 210627	Drawing No. Fig 7-4-27
Scale 1:90,000	Date 14.07.25

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10.

LESSER BLACK-BACKED GULL

Table 7-4-28 Lesser Black-backed Gull Vantage Point Survey data

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1 (0-15m)	Band 2 (15-25m)	PCH (25-200m)	Band 4 (>200m)	Habitat and activity	Surveyor
LB222	VP1	06/10/2023	14:43	Lesser Black-backed Gull	80	83	0	83	0	0	improved grassland; travelling	LDV
LB223	VP1	06/10/2023	15:32	Lesser Black-backed Gull	3	56	0	0	56	0	improved grassland; travelling	LDV
LB224	VP1	06/10/2023	15:35	Lesser Black-backed Gull	38	252	0	0	252	0	improved grassland; travelling	LDV
LB225	VP1	06/10/2023	15:56	Lesser Black-backed Gull	7	149	0	100	49	0	improved grassland; travelling	LDV
LB226	VP1	09/11/2023	10:29	Lesser Black-backed Gull	1	154	0	100	54	0	improved grassland; travelling	LDV
LB227	VP2	23/11/2023	08:14	Lesser Black-backed Gull	1	34	0	0	34	0	improved grassland; travelling	LDV
LB228	VP2	23/11/2023	12:53	Lesser Black-backed Gull	2	33	20	13	0	0	improved grassland and scrub/transitional woodland; travelling	LDV
LB229	VP2	13/12/2023	11:16	Lesser Black-backed Gull	3	97	0	0	97	0	improved grassland; travelling	LDV
LB230	VP2	13/12/2023	11:17	Lesser Black-backed Gull	6	28	10	18	0	0	improved grassland; travelling	LDV
LB231	VP2	13/12/2023	11:37	Lesser Black-backed Gull	1	74	0	0	74	0	improved grassland; travelling	LDV
LB232	VP2	13/12/2023	14:51	Lesser Black-backed Gull	1	139	0	0	139	0	improved grassland and scrub/transitional woodland; travelling	LDV
LB233	VP2	13/12/2023	15:57	Lesser Black-backed Gull	2	81	0	0	81	0	improved grassland; travelling	LDV
LB234	VP1	18/12/2023	11:19	Lesser Black-backed Gull	1	63	0	0	63	0	improved grassland; travelling	LDV
LB235	VP1	18/12/2023	16:22	Lesser Black-backed Gull	13	153	0	0	153	0	improved grassland; travelling	LDV
LB236	VP1	09/01/2024	09:13	Lesser Black-backed Gull	1	61	0	20	41	0	improved grassland; flying	LDV
LB237	VP1	09/01/2024	09:24	Lesser Black-backed Gull	1	46	0	0	46	0	improved grassland; flying	LDV

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1 (0-15m)	Band 2 (15-25m)	PCH (25-200m)	Band 4 (>200m)	Habitat and activity	Surveyor
LB238	VP1	09/01/2024	09:29	Lesser Black-backed Gull	1	121	0	0	121	0	improved grassland; flying	LDV
LB239	VP1	09/01/2024	12:23	Lesser Black-backed Gull	1	58	0	0	58	0	improved grassland; flying	LDV
LB240	VP2	25/01/2024	11:26	Lesser Black-backed Gull	2	212	50	62	100	0	improved grassland and highly modified/non-native woodland; travelling	LDV
LB241	VP2	22/03/2024	06:58	Lesser Black-backed Gull	2	67	0	67	0	0	improved grassland; travelling	LDV
LB242	VP2	22/03/2024	09:38	Lesser Black-backed Gull	3	10	0	0	10	0	improved grassland; travelling, briefly seen while observing another buzzard	LDV
LB243	VP2	22/03/2024	09:51	Lesser Black-backed Gull	1	251	51	100	100	0	improved grassland and scrub/transitional woodland; travelling	LDV
LB244	VP2	22/03/2024	11:23	Lesser Black-backed Gull	1	98	0	50	48	0	improved grassland; travelling	LDV
LB245	VP2	22/03/2024	11:29	Lesser Black-backed Gull	12	10	0	0	10	0	improved grassland; travelling, briefly seen while observing another buzzard	LDV
LB246	VP2	22/03/2024	11:42	Lesser Black-backed Gull	2	48	48	0	0	0	improved grassland; travelling	LDV
LB247	VP1b	17/04/2024	14:39	Lesser Black-backed Gull	7	148	0	0	148	0	improved grassland; travelling	LDV
LB248	VP1b	17/04/2024	14:40	Lesser Black-backed Gull	17	274	0	34	240	0	improved grassland; travelling, calling	LDV
LB249	VP1b	17/04/2024	14:43	Lesser Black-backed Gull	4	76	0	0	76	0	improved grassland; travelling	LDV
LB250	VP1b	17/04/2024	14:51	Lesser Black-backed Gull	2	127	0	50	77	0	improved grassland; travelling	LDV
LB251	VP1b	17/04/2024	15:27	Lesser Black-backed Gull	9	138	0	100	38	0	improved grassland; travelling	LDV
LB252	VP1b	17/04/2024	15:57	Lesser Black-backed Gull	3	148	100	48	0	0	improved grassland; travelling	LDV
LB253	VP1b	17/04/2024	16:01	Lesser Black-backed Gull	2	59	0	30	29	0	improved grassland; travelling	LDV
LB254	VP1b	17/04/2024	16:20	Lesser Black-backed Gull	3	95	0	40	55	0	improved grassland; travelling	LDV
LB255	VP1b	17/04/2024	16:31	Lesser Black-backed Gull	2	28	28	0	0	0	improved grassland; travelling	LDV

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1 (0-15m)	Band 2 (15-25m)	PCH (25-200m)	Band 4 (>200m)	Habitat and activity	Surveyor
LB256	VP1b	17/04/2024	16:55	Lesser Black-backed Gull	7	172	0	0	172	0	improved grassland; travelling	LDV
LB257	VP1b	17/04/2024	18:16	Lesser Black-backed Gull	1	57	0	57	0	0	improved grassland; travelling	LDV
LB258	VP1b	17/04/2024	18:32	Lesser Black-backed Gull	2	38	0	0	38	0	improved grassland; travelling	LDV
LB259	VP1b	17/04/2024	18:38	Lesser Black-backed Gull	1	47	0	47	0	0	improved grassland; travelling	LDV
LB260	VP1b	17/04/2024	19:10	Lesser Black-backed Gull	8	91	0	91	0	0	improved grassland; travelling	LDV
LB261	VP1b	17/04/2024	19:29	Lesser Black-backed Gull	8	135	0	0	135	0	improved grassland; travelling	LDV
LB262	VP1b	17/04/2024	19:36	Lesser Black-backed Gull	8	87	0	0	87	0	improved grassland; travelling	LDV
LB263	VP1b	17/04/2024	19:46	Lesser Black-backed Gull	12	117	0	0	117	0	improved grassland; travelling	LDV
LB264	VP2	24/04/2024	15:20	Lesser Black-backed Gull	31	120	0	0	120	0	improved grassland; travelling	LDV
LB265	VP2	24/04/2024	19:37	Lesser Black-backed Gull	3	10	0	0	10	0	improved grassland; travelling, was observed a few seconds while observing a kestrel	LDV
LB266	VP2	24/04/2024	20:01	Lesser Black-backed Gull	1	74	0	0	74	0	improved grassland; traveling	LDV
LB267	VP2	24/04/2024	20:21	Lesser Black-backed Gull	2	72	0	0	72	0	improved grassland and scrub/transitional woodland; travelling	LDV
LB268	VP1b	14/05/2024	05:21	Lesser Black-backed Gull	2	31	20	11	0	0	improved grassland; travelling	LDV
LB269	VP1b	14/05/2024	05:26	Lesser Black-backed Gull	2	36	0	36	0	0	improved grassland; travelling	LDV
LB270	VP1b	14/05/2024	05:26	Lesser Black-backed Gull	8	47	30	17	0	0	improved grassland; travelling	LDV
LB271	VP1b	14/05/2024	05:27	Lesser Black-backed Gull	16	49	0	30	19	0	improved grassland; travelling	LDV
LB272	VP1b	14/05/2024	05:28	Lesser Black-backed Gull	2	22	0	22	0	0	improved grassland; travelling	LDV
LB273	VP1b	14/05/2024	05:50	Lesser Black-backed Gull	3	51	0	51	0	0	improved grassland; travelling	LDV

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1 (0-15m)	Band 2 (15-25m)	PCH (25-200m)	Band 4 (>200m)	Habitat and activity	Surveyor
LB274	VP1b	14/05/2024	06:21	Lesser Black-backed Gull	4	45	0	45	0	0	improved grassland; travelling	LDV
LB275	VP1b	14/05/2024	06:38	Lesser Black-backed Gull	1	46	0	0	46	0	improved grassland; travelling	LDV
LB276	VP1b	14/05/2024	06:43	Lesser Black-backed Gull	4	61	0	40	21	0	improved grassland; travelling	LDV
LB277	VP1b	14/05/2024	07:20	Lesser Black-backed Gull	1	33	0	0	33	0	improved grassland; travelling	LDV
LB278	VP1b	14/05/2024	07:35	Lesser Black-backed Gull	3	22	0	0	22	0	improved grassland; travelling	LDV
LB279	VP1b	14/05/2024	09:09	Lesser Black-backed Gull	1	58	0	0	58	0	improved grassland; travelling	LDV
LB280	VP2	15/05/2024	05:48	Lesser Black-backed Gull	1	71	0	71	0	0	improved grassland; travelling	LDV
LB281	VP2	15/05/2024	10:09	Lesser Black-backed Gull	2	82	0	0	82	0	improved grassland; travelling	LDV
LB282	VP1b	07/06/2024	07:54	Lesser Black-backed Gull	1	62	40	22	0	0	improved grassland; travelling	LDV
LB283	VP1b	07/06/2024	09:16	Lesser Black-backed Gull	1	95	0	0	95	0	improved grassland; travelling	LDV
LB284	VP1b	07/06/2024	13:08	Lesser Black-backed Gull	1	53	0	20	33	0	improved grassland; travelling	LDV
LB285	VP2	25/06/2024	09:44	Lesser Black-backed Gull	2	94	0	0	94	0	improved grassland and scrub/transitional woodland; travelling	LDV
LB286	VP2	25/06/2024	10:21	Lesser Black-backed Gull	1	68	0	68	0	0	improved grassland; travelling	LDV
LB287	VP1b	05/07/2024	10:40	Lesser Black-backed Gull	2	61	0	0	61	0	improved grassland; travelling	LDV
LB288	VP1b	05/07/2024	11:26	Lesser Black-backed Gull	2	93	0	0	93	0	improved grassland; travelling	LDV
LB289	VP1b	05/07/2024	12:44	Lesser Black-backed Gull	1	78	0	60	18	0	improved grassland; travelling	LDV
LB290	VP1b	05/07/2024	13:34	Lesser Black-backed Gull	1	42	0	0	42	0	improved grassland; travelling	LDV
LB291	VP2	24/07/2024	09:51	Lesser Black-backed Gull	1	35	0	0	35	0	improved grassland; travelling	LDV

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1 (0-15m)	Band 2 (15-25m)	PCH (25-200m)	Band 4 (>200m)	Habitat and activity	Surveyor
LB292	VP2	24/07/2024	10:22	Lesser Black-backed Gull	1	85	0	0	85	0	improved grassland; travelling	LDV
LB293	VP2	24/07/2024	14:54	Lesser Black-backed Gull	1	66	0	0	66	0	improved grassland; travelling	LDV
LB294	VP2	24/07/2024	15:08	Lesser Black-backed Gull	1	34	0	0	34	0	improved grassland; travelling	LDV
LB295	VP1b	13/08/2024	11:17	Lesser Black-backed Gull	1	32	0	32	0	0	improved agricultural grassland; travelling	CC
LB296	VP1b	13/08/2024	11:26	Lesser Black-backed Gull	1	47	17	30	0	0	improved agricultural grassland; travelling	CC
LB297	VP1b	13/08/2024	11:27	Lesser Black-backed Gull	4	203	10	40	140	13	improved agricultural grassland; travelling, soaring	CC
LB298	VP1b	13/08/2024	11:39	Lesser Black-backed Gull	2	92	15	10	67	0	improved agricultural grassland; travelling	CC
LB299	VP1b	13/08/2024	12:13	Lesser Black-backed Gull	2	26	26	0	0	0	improved agricultural grassland; travelling, landed in field for 5 mins and carried on	CC
LB300	VP1b	13/08/2024	13:01	Lesser Black-backed Gull	1	145	0	145	0	0	improved agricultural grassland; travelling	CC
LB301	VP1b	13/08/2024	13:32	Lesser Black-backed Gull	1	184	0	40	144	0	improved agricultural grassland; travelling	CC
LB302	VP1b	13/08/2024	15:02	Lesser Black-backed Gull	8	27	0	27	0	0	improved agricultural grassland; travelling	CC
LB303	VP1b	13/08/2024	15:22	Lesser Black-backed Gull	1	51	0	51	0	0	improved agricultural grassland; travelling	CC
LB304	VP1b	13/08/2024	15:59	Lesser Black-backed Gull	12	319	40	10	269	0	improved agricultural grassland; soaring, travelling	CC
LB305	VP1b	13/08/2024	16:12	Lesser Black-backed Gull	9	186	0	50	136	0	improved agricultural grassland; travelling	CC
LB306	VP2	20/08/2024	15:55	Lesser Black-backed Gull	1	16	16	0	0	0	improved agricultural grassland; travelling	CC
LB307	VP2	20/08/2024	16:28	Lesser Black-backed Gull	9	398	0	40	190	168	improved agricultural grassland; travelling	CC
LB308	VP1b	18/09/2024	08:25	Lesser Black-backed Gull	1	82	0	82	0	0	improved agricultural grassland; travelling	CC
LB309	VP2	20/09/2024	07:48	Lesser Black-backed Gull	1	-	-	-	-	-	improved agricultural grassland; travelling, seen while following kestrel	CC

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1 (0-15m)	Band 2 (15-25m)	PCH (25-200m)	Band 4 (>200m)	Habitat and activity	Surveyor
LB310	VP1b	08/10/2024	15:08	Lesser Black-backed Gull	1	38	38	0	0	0	improved agricultural grassland and hedgerows; travelling	PDC
LB311	VP1b	08/10/2024	15:24	Lesser Black-backed Gull	3	77	77	0	0	0	improved agricultural grassland and hedgerows; travelling, lost behind hedgerow	PDC
LB312	VP1b	08/10/2024	15:41	Lesser Black-backed Gull	3	33	0	33	0	0	improved agricultural grassland; travelling	PDC
LB313	VP1b	08/10/2024	16:04	Lesser Black-backed Gull	1	23	23	0	0	0	improved agricultural grassland; travelling, not sure where this bird went. i took my eye off it for a couple of seconds to check something else, during which time it vanished from view.	PDC
LB314	VP1b	08/10/2024	16:08	Lesser Black-backed Gull	1	27	27	0	0	0	improved agricultural grassland; travelling	PDC
LB315	VP1b	08/10/2024	16:27	Lesser Black-backed Gull	2	33	33	0	0	0	improved agricultural grassland; travelling	PDC
LB316	VP1b	08/10/2024	17:59	Lesser Black-backed Gull	2	37	0	37	0	0	improved agricultural grassland; circling, lost against dark grey clouds	PDC
LB317	VP1b	08/10/2024	18:37	Lesser Black-backed Gull	2	15	0	0	15	0	improved agricultural grassland; circling, only watched briefly as i followed the snipe.	PDC
LB318	VP2	09/10/2024	14:33	Lesser Black-backed Gull	1	92	0	0	92	0	improved agricultural grassland; travelling	PDC
LB319	VP2	09/10/2024	15:13	Lesser Black-backed Gull	1	89	0	0	89	0	improved agricultural grassland; travelling, lost against grey clouds	PDC
LB320	VP2	09/10/2024	17:19	Lesser Black-backed Gull	2	74	0	0	74	0	improved agricultural grassland; travelling	PDC
LB321	VP2	09/10/2024	17:37	Lesser Black-backed Gull	1	135	0	0	135	0	improved agricultural grassland; travelling, lost against grey clouds	PDC
LB322	VP1b	11/11/2024	10:59	Lesser Black-backed Gull	1	38	0	0	38	0	improved agricultural grassland; travelling, lost in low cloud and mist	PDC
LB323	VP1b	11/11/2024	12:26	Lesser Black-backed Gull	1	34	34	0	0	0	improved agricultural grassland; travelling	PDC
LB324	VP1b	15/01/2025	10:14	Lesser Black-backed Gull	1	61	61	0	0	0	improved agricultural grassland and linear woodland/scrub; travelling, lost behind treeline	PDC
LB325	VP1b	11/03/2025	07:09	Lesser Black-backed Gull	1	73	73	0	0	0	improved agricultural grassland and linear woodland/scrub; travelling	PDC

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1 (0-15m)	Band 2 (15-25m)	PCH (25-200m)	Band 4 (>200m)	Habitat and activity	Surveyor
LB326	VP1b	11/03/2025	07:18	Lesser Black-backed Gull	21	88	88	0	0	0	improved agricultural grassland; travelling, seemed to be flushed from field behind vp	PDC
LB327	VP1b	11/03/2025	07:52	Lesser Black-backed Gull	21	45	45	0	0	0	improved agricultural grassland; travelling, flock moving to different field	PDC
LB328	VP1b	11/03/2025	07:55	Lesser Black-backed Gull	3	78	78	0	0	0	improved agricultural grassland; travelling	PDC
LB329	VP1b	11/03/2025	07:56	Lesser Black-backed Gull	3	22	22	0	0	0	improved agricultural grassland; travelling, dropped into field with other lesser black-backed gulls	PDC
LB330	VP1b	11/03/2025	07:58	Lesser Black-backed Gull	1	65	65	0	0	0	improved agricultural grassland; travelling	PDC
LB331	VP1b	11/03/2025	07:59	Lesser Black-backed Gull	14	110	110	0	0	0	improved agricultural grassland; travelling	PDC
LB332	VP1b	11/03/2025	08:00	Lesser Black-backed Gull	3	50	50	0	0	0	improved agricultural grassland; travelling	PDC
LB333	VP1b	11/03/2025	08:18	Lesser Black-backed Gull	1	41	0	41	0	0	improved agricultural grassland; travelling	PDC
LB334	VP1b	11/03/2025	08:18	Lesser Black-backed Gull	1	44	44	0	0	0	improved agricultural grassland; travelling	PDC
LB335	VP1b	11/03/2025	08:39	Lesser Black-backed Gull	1	44	0	44	0	0	improved agricultural grassland; travelling	PDC
LB336	VP1b	11/03/2025	08:39	Lesser Black-backed Gull	1	66	66	0	0	0	improved agricultural grassland; travelling	PDC
LB337	VP1b	11/03/2025	08:40	Lesser Black-backed Gull	5	-	-	-	-	-	improved agricultural grassland; foraging	PDC
LB338	VP1b	11/03/2025	09:06	Lesser Black-backed Gull	2	37	37	0	0	0	improved agricultural grassland; travelling	PDC
LB339	VP1b	11/03/2025	09:06	Lesser Black-backed Gull	1	46	46	0	0	0	improved agricultural grassland; travelling	PDC
LB340	VP1b	11/03/2025	09:07	Lesser Black-backed Gull	1	88	88	0	0	0	improved agricultural grassland; travelling	PDC
LB341	VP1b	11/03/2025	09:08	Lesser Black-backed Gull	1	16	16	0	0	0	improved agricultural grassland; travelling, juvenile	PDC
LB342	VP1b	11/03/2025	09:16	Lesser Black-backed Gull	2	44	44	0	0	0	improved agricultural grassland; travelling	PDC

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1 (0-15m)	Band 2 (15-25m)	PCH (25-200m)	Band 4 (>200m)	Habitat and activity	Surveyor
LB343	VP1b	11/03/2025	09:16	Lesser Black-backed Gull	2	61	61	0	0	0	improved agricultural grassland; travelling, split from other pair of lesser black-backed gulls	PDC
LB344	VP1b	11/03/2025	10:15	Lesser Black-backed Gull	1	71	71	0	0	0	improved agricultural grassland; travelling	PDC
LB345	VP1b	11/03/2025	10:15	Lesser Black-backed Gull	1	34	34	0	0	0	improved agricultural grassland; travelling	PDC
LB346	VP1b	11/03/2025	10:28	Lesser Black-backed Gull	1	34	34	0	0	0	improved agricultural grassland; travelling	PDC
LB347	VP1b	11/03/2025	10:29	Lesser Black-backed Gull	1	31	31	0	0	0	improved agricultural grassland; travelling	PDC
LB348	VP1b	11/03/2025	10:30	Lesser Black-backed Gull	2	141	105	36	0	0	improved agricultural grassland; travelling	PDC
LB349	VP1b	11/03/2025	10:46	Lesser Black-backed Gull	1	200	135	65	0	0	improved agricultural grassland; travelling	PDC
LB350	VP1b	11/03/2025	11:29	Lesser Black-backed Gull	1	45	45	0	0	0	improved agricultural grassland; travelling	PDC
LB351	VP2	21/03/2025	07:41	Lesser Black-backed Gull	3	45	5	20	20	0	improved agricultural grassland; flying	JD
LB352	VP2	21/03/2025	07:54	Lesser Black-backed Gull	1	61	21	30	10	0	improved agricultural grassland; flying	JD
LB353	VP2	21/03/2025	08:16	Lesser Black-backed Gull	1	55	30	25	0	0	improved agricultural grassland; flying	JD

Table 7-4-29 Lesser Black-backed Gull Winter Walkover Survey data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
LB002	10/10/2023	11:17	Lesser Black-backed Gull	7	improved grassland; flying (flyover; non-breeding)	LDV
LB003	10/01/2024	11:03	Lesser Black-backed Gull	27	improved grassland; flying (flyover; non-breeding)	LDV
LB004	10/01/2024	13:01	Lesser Black-backed Gull	1	improved grassland; flying, juvenile (flyover; non-breeding)	LDV
LB005	14/02/2024	12:57	Lesser Black-backed Gull	1	improved grassland; foraging (wintering)	LDV
LB006	14/02/2024	15:05	Lesser Black-backed Gull	2	improved grassland; travelling (flyover; non-breeding)	LDV
LB007	07/10/2024	09:16	Lesser Black-backed Gull	1	improved agricultural grassland; travelling (wintering)	PDC
LB008	07/10/2024	09:17	Lesser Black-backed Gull	1	improved agricultural grassland; travelling (wintering)	PDC
LB009	07/10/2024	10:20	Lesser Black-backed Gull	1	improved agricultural grassland; travelling (wintering)	PDC

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
LB010	07/10/2024	11:56	Lesser Black-backed Gull	2	improved agricultural grassland; travelling, soaring (wintering)	PDC
LB011	05/11/2024	09:24	Lesser Black-backed Gull	2	improved agricultural grassland; travelling (wintering)	PDC
LB012	12/03/2025	11:08	Lesser Black-backed Gull	3	improved agricultural grassland; perched, on a small pool of water in the field (wintering)	JD
LB013	12/03/2025	11:23	Lesser Black-backed Gull	3	improved agricultural grassland; flying (wintering)	JD

Table 7-4-30 Lesser Black-backed Gull Breeding Walkover Survey data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
LB014	25/04/2024	10:06	Lesser Black-backed Gull	8	improved grassland; foraging (summering; non-breeding)	LDV
LB015	25/04/2024	10:07	Lesser Black-backed Gull	2	improved grassland; foraging (summering; non-breeding)	LDV
LB016	17/05/2024	08:45	Lesser Black-backed Gull	1	improved grassland; travelling (flyover; non-breeding)	LDV
LB017	17/05/2024	08:47	Lesser Black-backed Gull	1	improved grassland; travelling (flyover; non-breeding)	LDV
LB018	02/07/2024	07:30	Lesser Black-backed Gull	25	improved grassland; foraging (flyover; non-breeding)	LDV
LB019	02/07/2024	07:30	Lesser Black-backed Gull	5	improved grassland; flying (flyover; non-breeding)	LDV
LB020	02/07/2024	07:30	Lesser Black-backed Gull	3	improved grassland; travelling (flyover; non-breeding)	LDV
LB021	02/07/2024	07:30	Lesser Black-backed Gull	1	improved grassland; travelling (flyover; non-breeding)	LDV
LB022	02/07/2024	09:23	Lesser Black-backed Gull	1	improved grassland; travelling (flyover; non-breeding)	LDV
LB023	02/07/2024	09:23	Lesser Black-backed Gull	1	improved grassland; travelling (flyover; non-breeding)	LDV
LB024	02/07/2024	09:24	Lesser Black-backed Gull	3	improved grassland; foraging (flyover; non-breeding)	LDV
LB025	02/07/2024	09:26	Lesser Black-backed Gull	2	improved grassland; travelling (flyover; non-breeding)	LDV
LB026	02/07/2024	11:10	Lesser Black-backed Gull	1	improved grassland; travelling (flyover; non-breeding)	LDV

Table 7-4-31 Lesser Black-backed Gull Waterbird Distribution and Abundance Survey data

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
LB048	Belclare turlough	11/10/2023	13:40	Lesser Black-backed Gull	17	turloughs; roosting	LDV
LB049	Claretuam flooded fields	24/10/2023	10:16	Lesser Black-backed Gull	17	wet grassland; foraging	LDV
LB050	Belclare turlough	24/10/2023	12:21	Lesser Black-backed Gull	100	turloughs; foraging	LDV
LB051	Bohercuill turlough	24/10/2023	13:28	Lesser Black-backed Gull	2	turloughs; foraging	LDV
LB052	Belclare turlough	07/11/2023	11:01	Lesser Black-backed Gull	2	turloughs; foraging	LDV

Ref	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
LB053	Bohercuill turlough	07/11/2023	11:53	Lesser Black-backed Gull	14	turloughs; roosting	LDV
LB054	Bohercuill turlough	24/01/2024	12:06	Lesser Black-backed Gull	100	turloughs; roosting, flying	LDV
LB055	Lough Hackett	09/02/2024	12:24	Lesser Black-backed Gull	2	lakes and ponds; travelling	LDV
LB056	Lough Hackett	22/02/2024	13:05	Lesser Black-backed Gull	2	lakes and ponds; roosting	LDV
LB057	Daly's bridge	04/03/2024	09:40	Lesser Black-backed Gull	2	improved grassland and watercourses; flying	LDV
LB058	Belclare turlough	20/03/2024	12:43	Lesser Black-backed Gull	1	turloughs; roosting	LDV
LB059	Bohercuill turlough	20/03/2024	13:35	Lesser Black-backed Gull	2	turloughs; roosting	LDV
LB060	Bredagh turlough	20/03/2024	13:59	Lesser Black-backed Gull	2	turloughs; roosting	LDV
LB061	Claretuam	09/04/2024	09:33	Lesser Black-backed Gull	2	lakes and ponds; roosting	LDV
LB062	Belclare turlough	09/04/2024	10:14	Lesser Black-backed Gull	6	turloughs; travelling, roosting	LDV
LB063	Bohercuill turlough	09/04/2024	11:25	Lesser Black-backed Gull	6	turloughs; travelling	LDV
LB064	Bredagh turlough	09/04/2024	11:46	Lesser Black-backed Gull	2	turloughs; roosting	LDV
LB065	Luimnagh pier	09/04/2024	12:27	Lesser Black-backed Gull	2	lakes and ponds; travelling	LDV
LB066	Belclare turlough	23/04/2024	12:45	Lesser Black-backed Gull	4	turloughs; roosting	LDV
LB067	Bohercuill turlough	23/04/2024	14:13	Lesser Black-backed Gull	3	turloughs; roosting	LDV
LB068	Bredagh turlough	23/04/2024	14:46	Lesser Black-backed Gull	2	turloughs; roosting	LDV
LB069	Annaghdown pier	23/04/2024	15:41	Lesser Black-backed Gull	2	lakes and ponds; roosting	LDV
LB070	Carrownroaun	08/05/2024	11:21	Lesser Black-backed Gull	7	improved grassland; foraging	LDV
LB071	Lough Hackett	08/05/2024	13:20	Lesser Black-backed Gull	2	lakes and ponds; foraging	LDV
LB072	Luimnach pier	08/05/2024	14:28	Lesser Black-backed Gull	2	lakes and ponds; roosting	LDV
LB073	Luimnagh pier	21/05/2024	12:05	Lesser Black-backed Gull	2	lakes and ponds; roosting	LDV
LB074	Lacknagh bridge	14/08/2024	11:20	Lesser Black-backed Gull	2	improved agricultural grassland; travelling	CC
LB075	Lacknagh	14/08/2024	11:28	Lesser Black-backed Gull	18	improved agricultural grassland; foraging	CC
LB076	Corbally bridge	14/08/2024	11:31	Lesser Black-backed Gull	1	improved agricultural grassland; travelling	CC
LB077	corbally	14/08/2024	11:48	Lesser Black-backed Gull	12	improved agricultural grassland; flying, massive flock of mixed birds very far away number of gulls approximate	CC
LB078	Bellclair turlough	14/08/2024	12:41	Lesser Black-backed Gull	13	improved agricultural grassland; resting	CC
LB079	Lough hackett	14/08/2024	13:09	Lesser Black-backed Gull	5	lakes and ponds; travelling	CC
LB080	Bellclair turlough	29/08/2024	12:35	Lesser Black-backed Gull	19	improved agricultural grassland and other artificial lakes and ponds; resting, swimming	CC

Ref	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
LB081	Bohercuill turlough	29/08/2024	13:20	Lesser Black-backed Gull	7	improved agricultural grassland and other artificial lakes and ponds; resting, swimming	CC
LB082	Bellclair turlough	03/09/2024	12:42	Lesser Black-backed Gull	17	improved agricultural grassland; resting	CC
LB083	Lough hackett	03/09/2024	13:07	Lesser Black-backed Gull	170	improved agricultural grassland and lakes and ponds; resting, swimming	CC
LB084	Bohercuill	03/09/2024	13:23	Lesser Black-backed Gull	14	improved agricultural grassland; resting	CC
LB085	Annaghdown pier	03/09/2024	14:13	Lesser Black-backed Gull	2	lakes and ponds; travelling	CC
LB086	Bellclair	17/09/2024	11:36	Lesser Black-backed Gull	12	turloughs; resting	CC
LB087	Lough Hackett	17/09/2024	12:06	Lesser Black-backed Gull	42	lakes and ponds and improved agricultural grassland; resting, swimming	CC
LB088	Bohercuill	17/09/2024	12:17	Lesser Black-backed Gull	152	improved agricultural grassland and turloughs; resting	CC
LB089	Annaghdown pier	17/09/2024	13:11	Lesser Black-backed Gull	1	lakes and ponds; resting	CC
LB090	Annaghdown Pier	05/12/2024	13:01	Lesser Black-backed Gull	1	lakes and ponds; flying	PM
LB091	Culleen	05/12/2024	14:48	Lesser Black-backed Gull	1	improved agricultural grassland; foraging	PM
LB092	Belclare Turlough	12/12/2024	11:17	Lesser Black-backed Gull	1	lakes and ponds; foraging	PM
LB093	Bohercuill Turlough	12/12/2024	12:28	Lesser Black-backed Gull	3	lakes and ponds; roosting	PM
LB094	Annaghdown Pier	12/12/2024	12:59	Lesser Black-backed Gull	2	lakes and ponds; roosting	PM
LB095	Belclare Turlough	13/01/2025	10:45	Lesser Black-backed Gull	3	turloughs; travelling	PDC
LB096	Lough Hackett	23/01/2025	10:59	Lesser Black-backed Gull	1	lakes and ponds; resting	PDC
LB097	Bohercuill Turlough	25/02/2025	09:25	Lesser Black-backed Gull	15	lakes and ponds; foraging, flying	NL
LB098	Lough Hackett	25/02/2025	09:50	Lesser Black-backed Gull	8	lakes and ponds; foraging, flying	NL
LB099	Belclare Turlough	13/03/2025	12:05	Lesser Black-backed Gull	13	lakes and ponds; roosting	PM
LB100	Donaghpatrick	13/03/2025	13:08	Lesser Black-backed Gull	25	improved agricultural grassland; flying	PM
LB101	Belclare Turlough	26/03/2025	14:01	Lesser Black-backed Gull	1	lakes and ponds; roosting	PM
LB102	Belclare Turlough	26/03/2025	14:04	Lesser Black-backed Gull	5	lakes and ponds; roosting	PM
LB103	Lough Hackett	26/03/2025	14:47	Lesser Black-backed Gull	25	lakes and ponds; roosting	PM
LB104	Lough Hackett	26/03/2025	14:48	Lesser Black-backed Gull	3	lakes and ponds; roosting	PM
LB105	Bohercuill Turlough	26/03/2025	15:20	Lesser Black-backed Gull	3	improved agricultural grassland; roosting	PM
LB106	Luimnagh Pier	26/03/2025	15:22	Lesser Black-backed Gull	3	lakes and ponds; roosting	PM

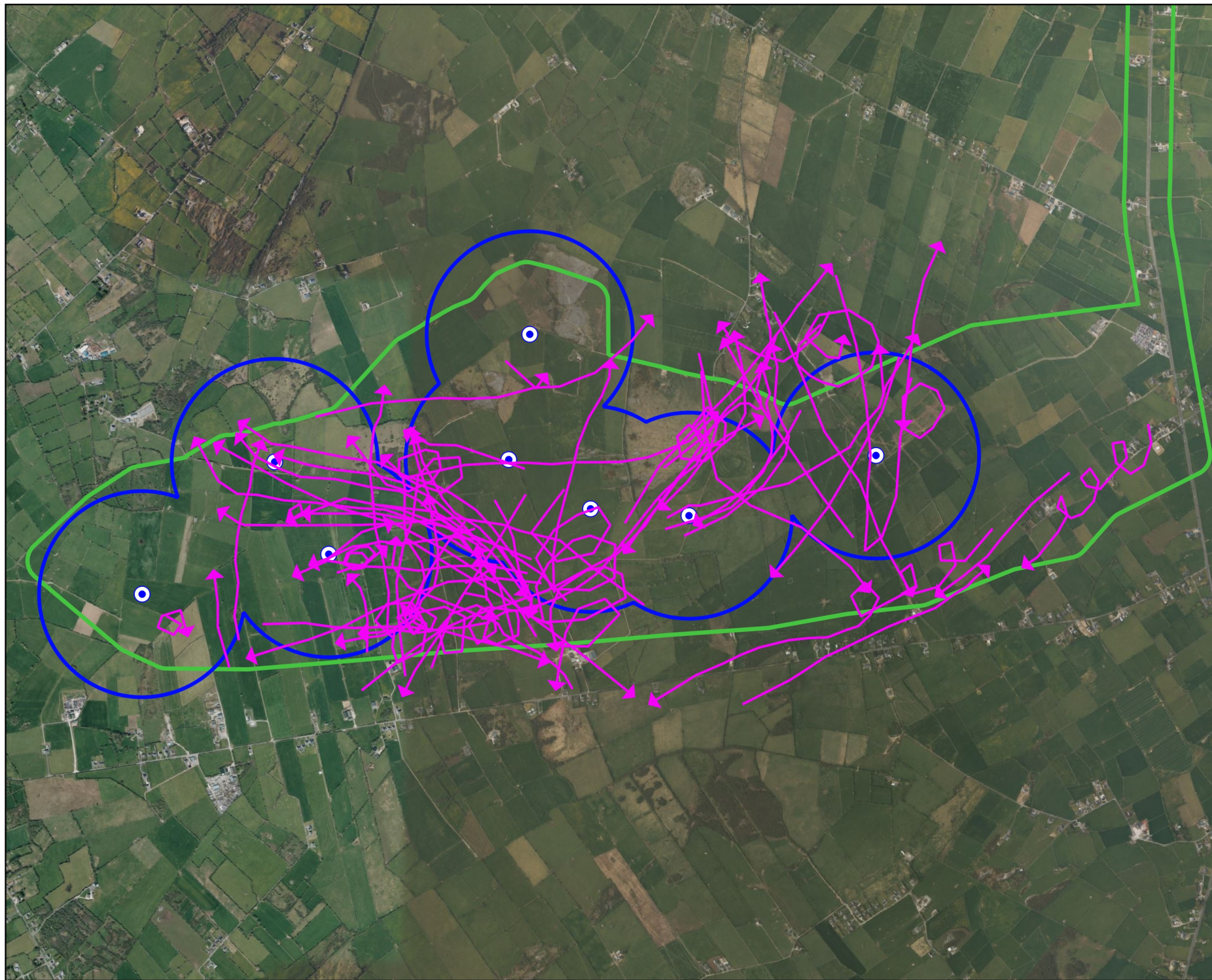
Table 7-4-32 Lesser Black-backed Gull Incidental Observations

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
LB063	Hen Harrier Roost Survey; HHVP3	07/11/2023	15:46	Lesser Black-Backed Gull	3	improved grassland; travelling	LDV
LB064	Hen Harrier Roost Survey; HHVP1	04/12/2023	16:40	Lesser Black-Backed Gull	9	improved grassland; travelling	LDV
LB065	Hen Harrier Roost Survey; HHVP2a	13/12/2023	08:40	Lesser Black-Backed Gull	1	improved grassland; travelling	LDV
LB066	Hen Harrier Roost Survey; HHVP2a	13/12/2023	08:41	Lesser Black-Backed Gull	2	improved grassland; travelling	LDV
LB067	Hen Harrier Roost Survey; HHVP2a	13/12/2023	08:55	Lesser Black-Backed Gull	1	improved grassland; travelling	LDV
LB068	Hen Harrier Roost Survey; HHVP2a	29/01/2024	16:29	Lesser Black-Backed Gull	26	improved grassland; flying	LDV
LB069	Hen Harrier Roost Survey; HHVP2a	14/02/2024	16:27	Lesser Black-Backed Gull	3	improved grassland; travelling	LDV
LB070	Hen Harrier Roost Survey; HHVP3	04/03/2024	07:38	Lesser Black-Backed Gull	2	improved grassland; travelling	LDV
LB071	Hen Harrier Roost Survey; HHVP1	05/03/2024	16:47	Lesser Black-Backed Gull	1	improved grassland; travelling	LDV
LB072	Hen Harrier Roost Survey; HHVP2a	20/03/2024	17:33	Lesser Black-Backed Gull	1	improved grassland; travelling	LDV
LB073	Hen Harrier Roost Survey; HHVP2a	20/03/2024	18:50	Lesser Black-Backed Gull	3	improved grassland; travelling	LDV
LB074	Vantage Point Survey; VP2	22/03/2024	08:14	Lesser Black-Backed Gull	1	improved grassland; travelling	LDV
LB075	Hen Harrier Roost Survey; HHVP4	25/03/2024	17:49	Lesser Black-Backed Gull	2	bogs and improved grassland; travelling	LDV
LB076	Hen Harrier Roost Survey; HHVP4	25/03/2024	18:15	Lesser Black-Backed Gull	27	improved grassland and bogs; travelling	LDV
LB077	Breeding Raptor Survey; BR4	23/04/2024	08:38	Lesser Black-Backed Gull	2	improved grassland; travelling	LDV
LB078	Breeding Raptor Survey; BR4	23/04/2024	08:57	Lesser Black-Backed Gull	1	improved grassland; travelling	LDV
LB079	Breeding Raptor Survey; BR4	23/04/2024	09:39	Lesser Black-Backed Gull	1	improved grassland; travelling	LDV
LB080	Breeding Raptor Survey; BR3	30/04/2024	11:59	Lesser Black-Backed Gull	2	improved grassland; travelling	LDV

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
LB081	Breeding Raptor Survey; BR3	30/04/2024	13:37	Lesser Black-Backed Gull	3	improved grassland and scrub/transitional woodland; travelling	LDV
LB082	Breeding Raptor Survey; BR3	30/04/2024	13:49	Lesser Black-Backed Gull	2	improved grassland and scrub/transitional woodland; travelling	LDV
LB083	Breeding Raptor Survey; BR3	30/04/2024	13:56	Lesser Black-Backed Gull	4	improved grassland; travelling	LDV
LB084	Breeding Raptor Survey; BR4	10/05/2024	12:02	Lesser Black-Backed Gull	1	improved grassland; travelling	LDV
LB085	Breeding Raptor Survey; BR2	23/05/2024	10:35	Lesser Black-Backed Gull	1	improved grassland; travelling	LDV
LB086	Breeding Raptor Survey; BR2	23/05/2024	10:56	Lesser Black-Backed Gull	4	improved grassland; travelling	LDV
LB087	Breeding Raptor Survey; BR2	23/05/2024	11:42	Lesser Black-Backed Gull	1	improved grassland; travelling	LDV
LB088	Breeding Raptor Survey; BR3	23/05/2024	13:24	Lesser Black-Backed Gull	3	improved grassland; travelling	LDV
LB089	Breeding Raptor Survey; BR3	23/05/2024	14:44	Lesser Black-Backed Gull	2	improved grassland; travelling	LDV
LB090	Breeding Raptor Survey; BR3	05/06/2024	16:30	Lesser Black-Backed Gull	1	improved grassland; travelling	LDV
LB091	Breeding Raptor Survey; Br3	05/06/2024	16:49	Lesser Black-Backed Gull	2	improved grassland; travelling	LDV
LB092	Breeding Raptor Survey; BR1	10/06/2024	14:52	Lesser Black-Backed Gull	1	improved grassland; travelling	LDV
LB093	Breeding Raptor Survey; BR4	17/06/2024	14:52	Lesser Black-Backed Gull	2	improved grassland; travelling	LDV
LB094	Breeding Raptor Survey; BR4	17/06/2024	15:19	Lesser Black-Backed Gull	3	improved grassland; travelling	LDV
LB095	Breeding Raptor Survey; BR4	17/06/2024	15:53	Lesser Black-Backed Gull	2	improved grassland; travelling	LDV
LB096	Breeding Raptor Survey; BR1	12/07/2024	09:11	Lesser Black-Backed Gull	4	improved grassland; travelling	LDV
LB097	Breeding Raptor Survey; BR1	12/07/2024	09:33	Lesser Black-Backed Gull	2	improved grassland; travelling	LDV
LB098	Breeding Raptor Survey; BR1	12/07/2024	09:54	Lesser Black-Backed Gull	3	improved grassland; travelling	LDV

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
LB099	Breeding Raptor Survey; BR1	12/07/2024	10:30	Lesser Black-Backed Gull	3	improved grassland; travelling	LDV
LB100	Breeding Raptor Survey; BR1	12/07/2024	11:25	Lesser Black-Backed Gull	5	improved grassland; travelling	LDV
LB101	Breeding Raptor Survey; BR4	19/07/2024	10:51	Lesser Black-Backed Gull	1	improved grassland; travelling	LDV
LB102	Breeding Raptor Survey; BR4	19/07/2024	11:27	Lesser Black-Backed Gull	1	improved grassland; travelling	LDV
LB103	Breeding Raptor Survey; BR4	19/07/2024	13:26	Lesser Black-Backed Gull	1	improved grassland; travelling	LDV
LB104	Breeding Raptor Survey; BR2	30/07/2024	10:32	Lesser Black-Backed Gull	2	improved grassland; travelling	LDV
LB105	Breeding Raptor Survey; BR2	30/07/2024	11:40	Lesser Black-Backed Gull	5	improved grassland; circling	LDV
LB106	Breeding Raptor Survey; BR3	30/07/2024	13:45	Lesser Black-Backed Gull	1	improved agricultural grassland; travelling	LDV
LB107	Breeding Raptor Survey; BR3	30/07/2024	13:55	Lesser Black-Backed Gull	1	improved agricultural grassland; travelling	LDV
LB108	Breeding Raptor Survey; BR3	30/07/2024	14:45	Lesser Black-Backed Gull	3	improved agricultural grassland; travelling	LDV
LB109	Hen Harrier Roost Survey; lough afoor	10/10/2024	08:54	Lesser Black-Backed Gull	27	improved agricultural grassland; travelling	PDC
LB110	Hen Harrier Roost Survey; lough afoor	10/10/2024	08:55	Lesser Black-Backed Gull	8	improved agricultural grassland; travelling	PDC
LB111	Hen Harrier Roost Survey; HHVP2a	16/12/2024	15:44	Lesser Black-Backed Gull	1	improved agricultural grassland; flying	ZOC
LB112	Hen Harrier Roost Survey; HHVP2	27/02/2025	08:06	Lesser Black-Backed Gull	4	improved agricultural grassland; travelling	PDC
LB113	Vantage Point Survey; Glenaneeny	11/03/2025	07:08	Lesser Black-Backed Gull	10	improved agricultural grassland; travelling, settled in field behind vp	PDC
LB114	Hen Harrier Roost Survey; hhvp1	18/03/2025	17:40	Lesser Black-Backed Gull	2	bogs and watercourses; flying	JD
LB115	Hen Harrier Roost Survey; HHVP4	26/03/2025	18:28	Lesser Black-Backed Gull	28	wet grassland and lakes and ponds; travelling	PM
LB116	Hen Harrier Roost Survey; HHVP4	26/03/2025	18:31	Lesser Black-Backed Gull	8	wet grassland; travelling	PM

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
LB117	Hen Harrier Roost Survey; HHVP4	26/03/2025	18:44	Lesser Black-Backed Gull	4	lakes and ponds; travelling	PM
LB118	Hen Harrier Roost Survey; HHVP4	26/03/2025	18:47	Lesser Black-Backed Gull	7	wet grassland; travelling	PM
LB119	Hen Harrier Roost Survey; HHVP4	26/03/2025	18:57	Lesser Black-Backed Gull	4	wet grassland; travelling	PM
LB120	Hen Harrier Roost Survey; HHVP3	31/03/2025	19:39	Lesser Black-Backed Gull	6	improved agricultural grassland; travelling	LDV
LB121	Hen Harrier Roost Survey; HHVP3	31/03/2025	19:47	Lesser Black-Backed Gull	1	improved agricultural grassland; travelling	LDV



Map Legend

- EIAR Site Boundary
- ⊙ Proposed Turbine Location
- 500m Radius of Turbines
- Flight Observation
- ◆ Observation



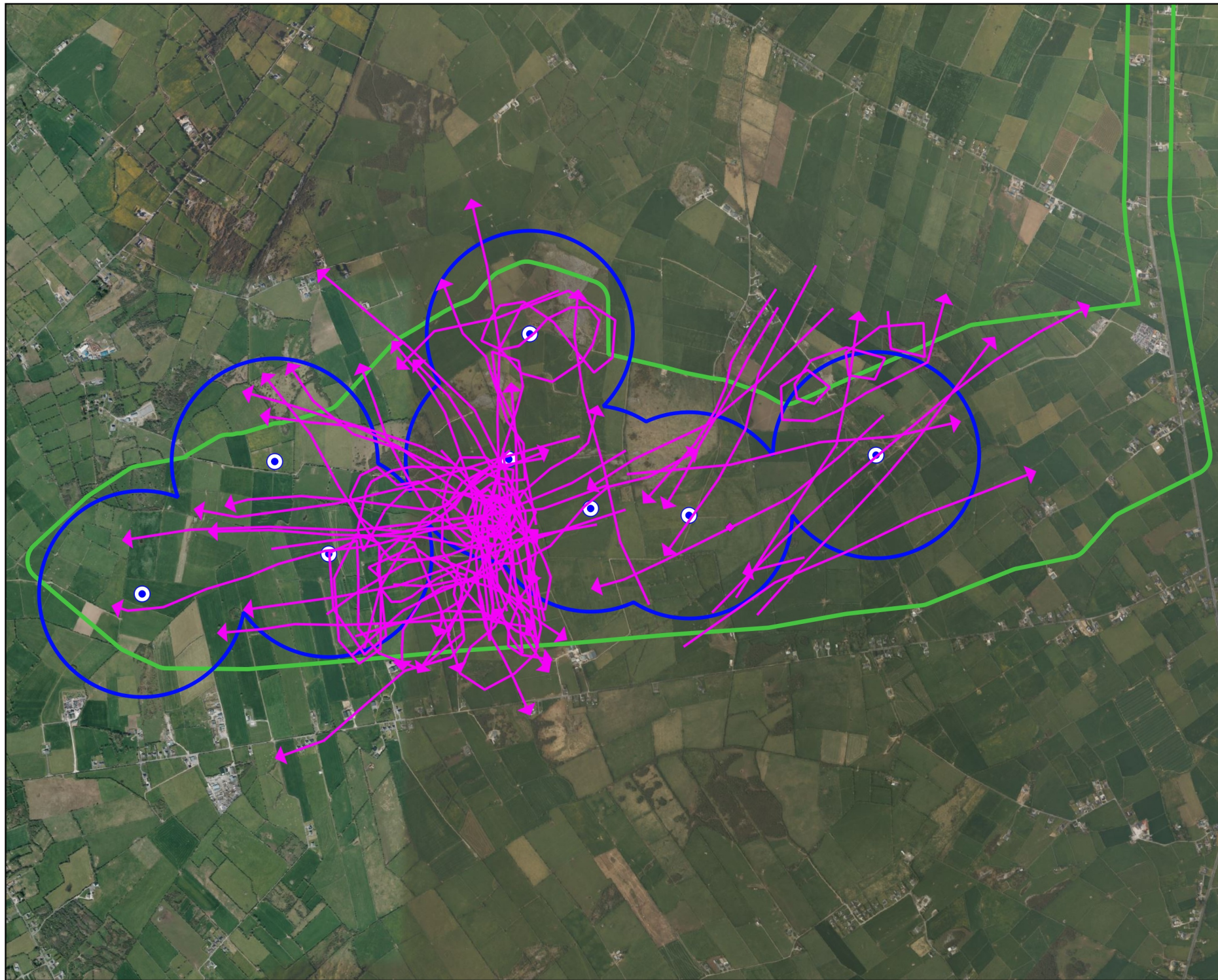
Drawing Title
Lesser Black-backed Gull Observations
Vantage Point Surveys (Winter)

Project Title
Laurclavagh Renewable Energy
Development

Drawn By ZE	Checked By DW
Project No. 210627	Drawing No. Fig 7-4-28.1
Scale 1:24,000	Date 14.07.25



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Map Legend

- EIA Site Boundary
- Proposed Turbine Location
- 500m Radius of Turbines
- Flight Observation
- ◆ Observation



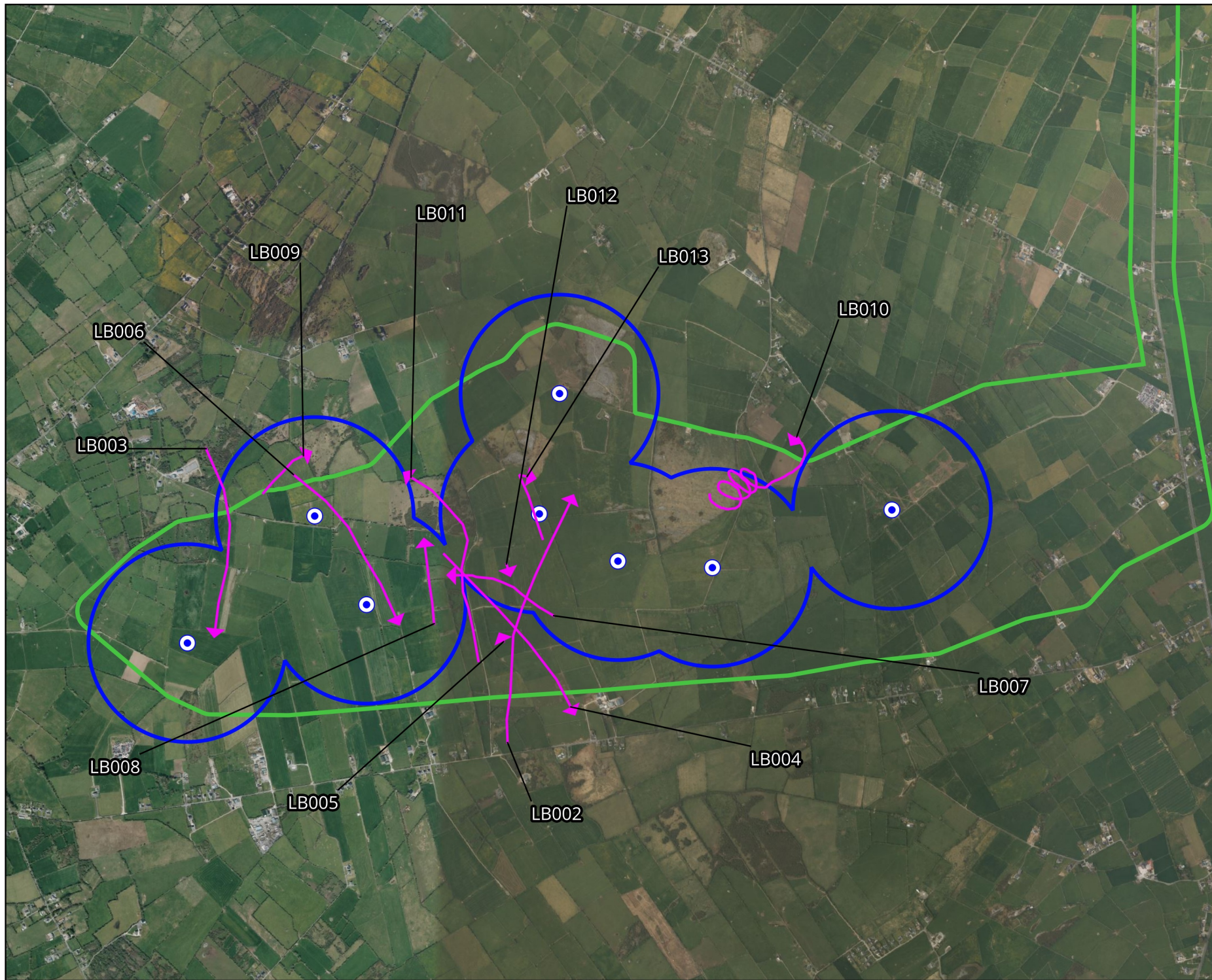
Drawing Title
Lesser Black-backed Gull Observations
Vantage Point Surveys (Breeding)

Project Title
Laurclavagh Renewable Energy
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Drawn By ZE	Checked By DW
Project No. 210627	Drawing No. Fig 7-4-28.2
Scale 1:24,000	Date 14.07.25



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Map Legend

- EIAR Site Boundary
- Proposed Turbine Location
- 500m Radius of Turbines
- Flight Observation

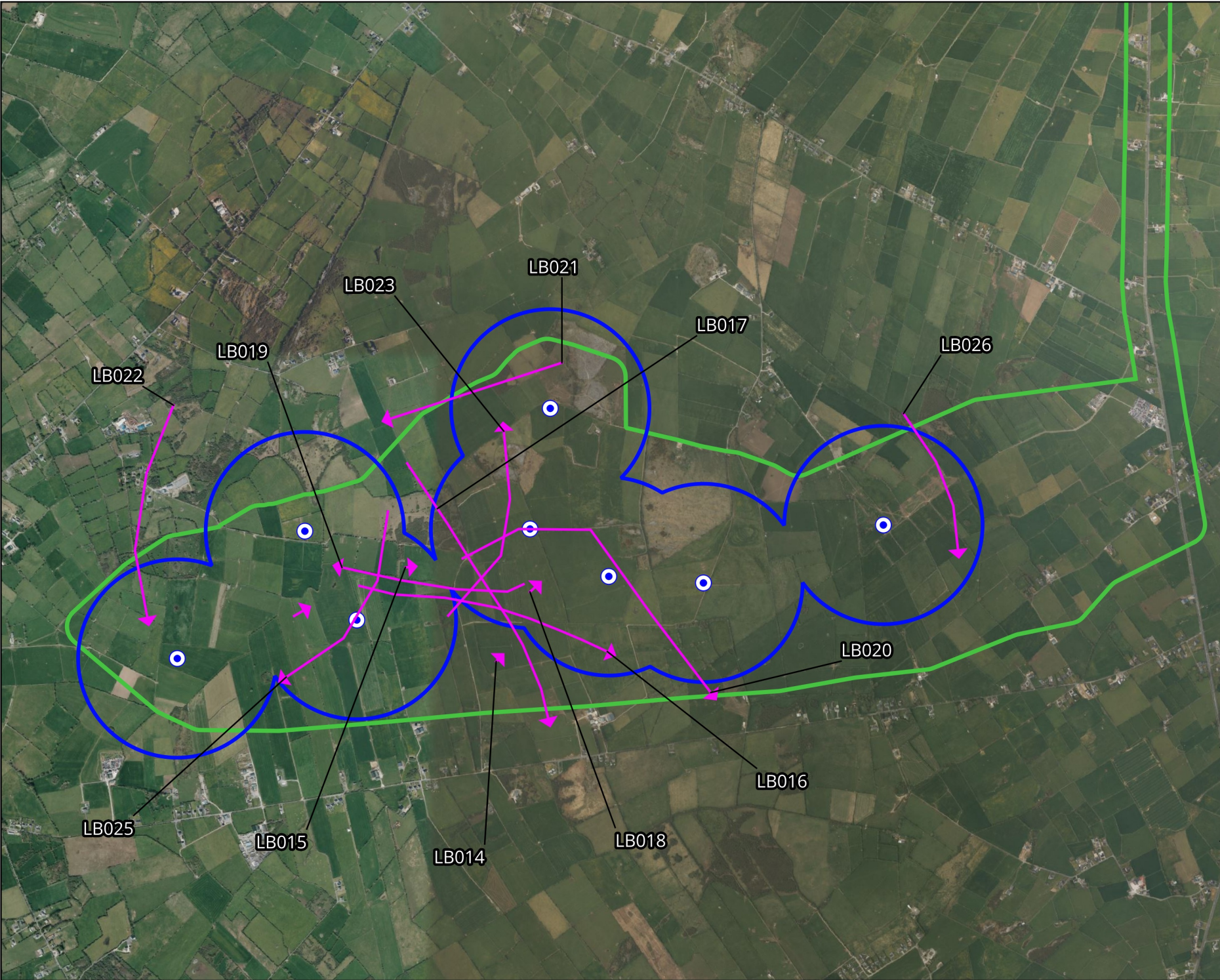


Drawing Title
Lesser Black-backed Gull Observations
Winter Walkover Surveys

Project Title
Laurclavagh Renewable Energy
Development

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Scale 1:25,000	Date 14.07.25

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- Map Legend
- EIAR Site Boundary
 - ⊙ Proposed Turbine Location
 - 500m Radius of Turbines
 - Flight Observation

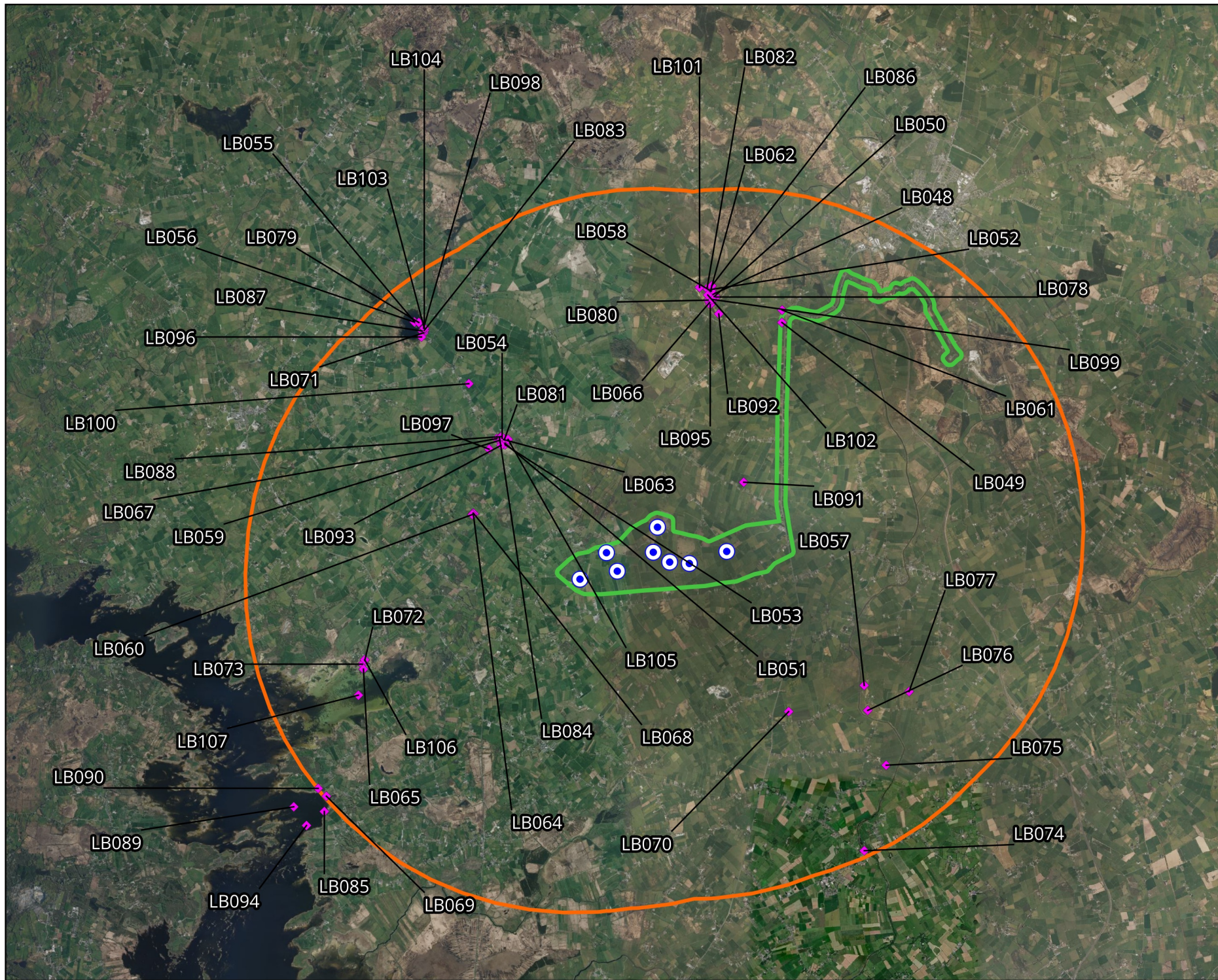


Drawing Title
Lesser Black-backed Gull Observations
Breeding Walkover Surveys

Project Title
Laurclavagh Renewable Energy
Development

Drawn By ZE	Checked By DW
Project No. 210627	Drawing No. Fig 7-4-30
Scale 1:25,000	Date 14.07.25

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- Map Legend
- EIAR Site Boundary
 - Proposed Turbine Location
 - 8km Survey Radius
 - ◆ Observation



Drawing Title
Lesser Black-backed Gull Observations
Waterbird Distribution Surveys

Project Title
Laurclavagh Renewable Energy
Development

Drawn By ZE	Checked By DW
Project No. 210627	Drawing No. Fig 7-4-31
Scale 1:120,000	Date 14.07.25

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11.

CURLEW

Table 7-4-33 Curlew Vantage Point Survey data

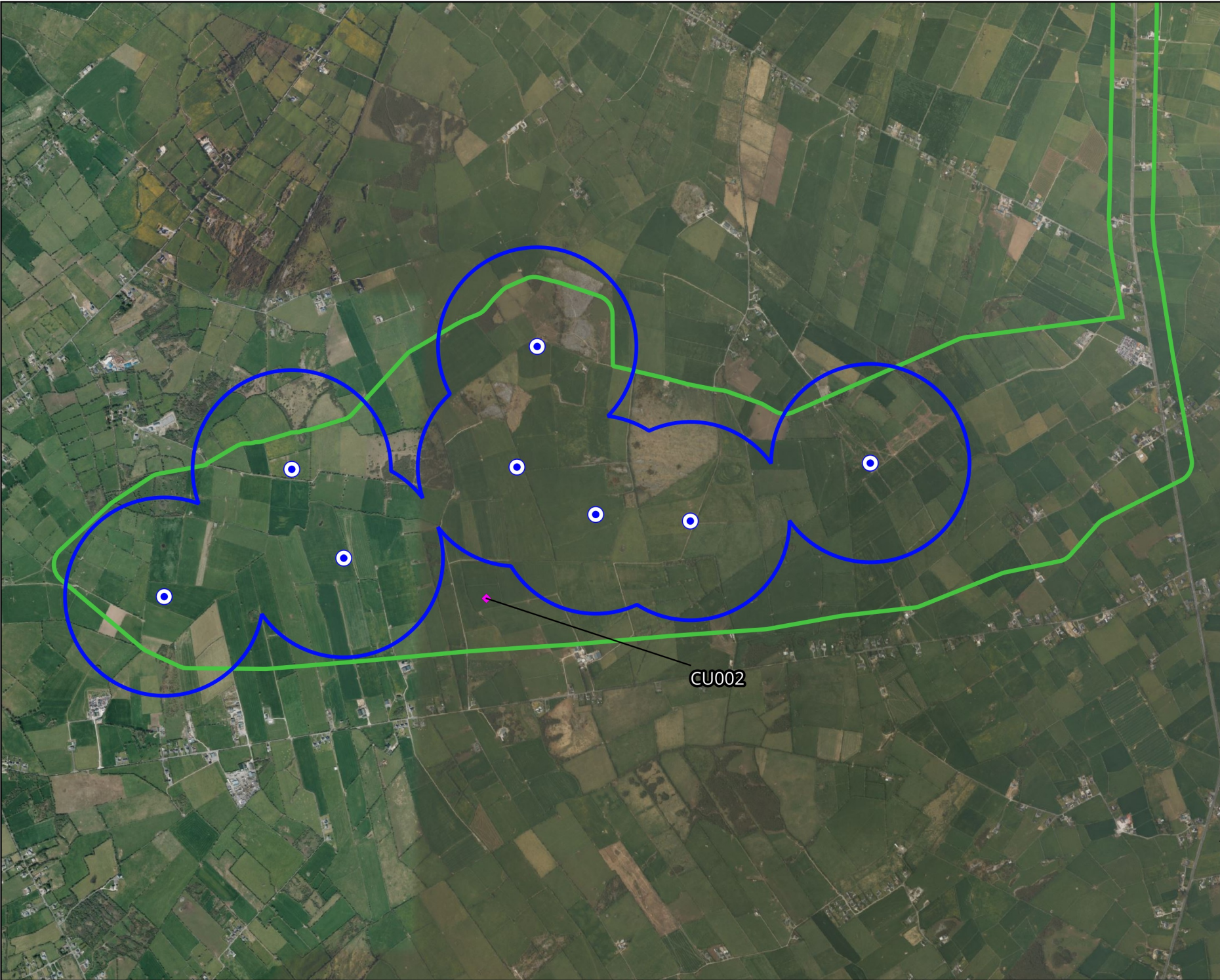
Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1 (0-15m)	Band 2 (15-25m)	Band 3 (25-200m)	Band 4 (>200m)	Habitat and activity	Surveyor
CU002	VP1b	18/09/2024	06:41	Curlew	1	-	-	-	-	-	improved agricultural grassland; calling, heard calling not seen	CC

Table 7-4-34 Curlew Waterbird Distribution and Abundance Survey data

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
CU042	Belclare turlough	11/10/2023	13:40	Curlew	6	turloughs; roosting	LDV
CU043	Belclare turlough	24/10/2023	12:23	Curlew	42	turloughs; foraging	LDV
CU044	Belclare turlough	07/11/2023	11:00	Curlew	28	turloughs and improved grassland; foraging	LDV
CU045	Lough Hacket	07/11/2023	11:26	Curlew	35	lakes and ponds; roosting	LDV
CU046	Belclare turlough	06/12/2023	11:55	Curlew	16	turloughs; foraging	LDV
CU047	Lough Hacket	06/12/2023	12:37	Curlew	28	lakes and ponds; roosting on bank	LDV
CU048	Bohercuill turlough	20/12/2023	11:37	Curlew	7	turloughs and improved grassland; foraging on bank	LDV
CU049	Belclare turlough	20/12/2023	12:42	Curlew	1	turloughs and improved grassland; foraging on bank	LDV
CU050	Belclare turlough	03/01/2024	11:45	Curlew	8	improved grassland and turloughs; foraging	LDV
CU051	Luimnagh pier	03/01/2024	13:19	Curlew	3	improved grassland and lakes and ponds; foraging	LDV
CU052	Lough Hacket	24/01/2024	13:21	Curlew	60	improved grassland and lakes and ponds; roosting	LDV
CU053	Lough Hackett	09/02/2024	12:20	Curlew	62	improved grassland and lakes and ponds; foraging	LDV
CU054	Lough Hackett	22/02/2024	13:04	Curlew	37	lakes and ponds; roosting	LDV
CU055	Bellclair turlough	29/08/2024	12:31	Curlew	7	improved agricultural grassland; foraging	CC
CU056	Lough hackett	29/08/2024	13:08	Curlew	11	improved agricultural grassland; flying, foraging	CC
CU057	Belclare Turlough	31/10/2024	09:29	Curlew	28	turloughs; foraging	NL
CU058	Belclare Turlough	12/11/2024	10:41	Curlew	1	turloughs; calling, heard not seen	NL
CU059	Bredagh Turlough	27/11/2024	09:22	Curlew	1	turloughs; flying	NL
CU060	Lough Hacket	13/01/2025	10:47	Curlew	29	wet grassland and lakes and ponds; foraging	PDC
CU061	Lough Hacket	23/01/2025	11:00	Curlew	33	improved agricultural grassland and lakes and ponds; foraging	PDC

Table 7-4-35 Curlew Incidental Observations

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
CU004	Hen Harrier Roost Survey; HHVP4	20/12/2023	09:06	Curlew	1	freshwater marsh; calling, heard but not seen	LDV



Map Legend

- EIA Site Boundary
- Proposed Turbine Location
- 500m Radius of Turbines
- Observation



Drawing Title
**Curlew Observation
Vantage Point Surveys**

Project Title
**Laurclavagh Renewable Energy
Development**

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DW

Project No.
210627

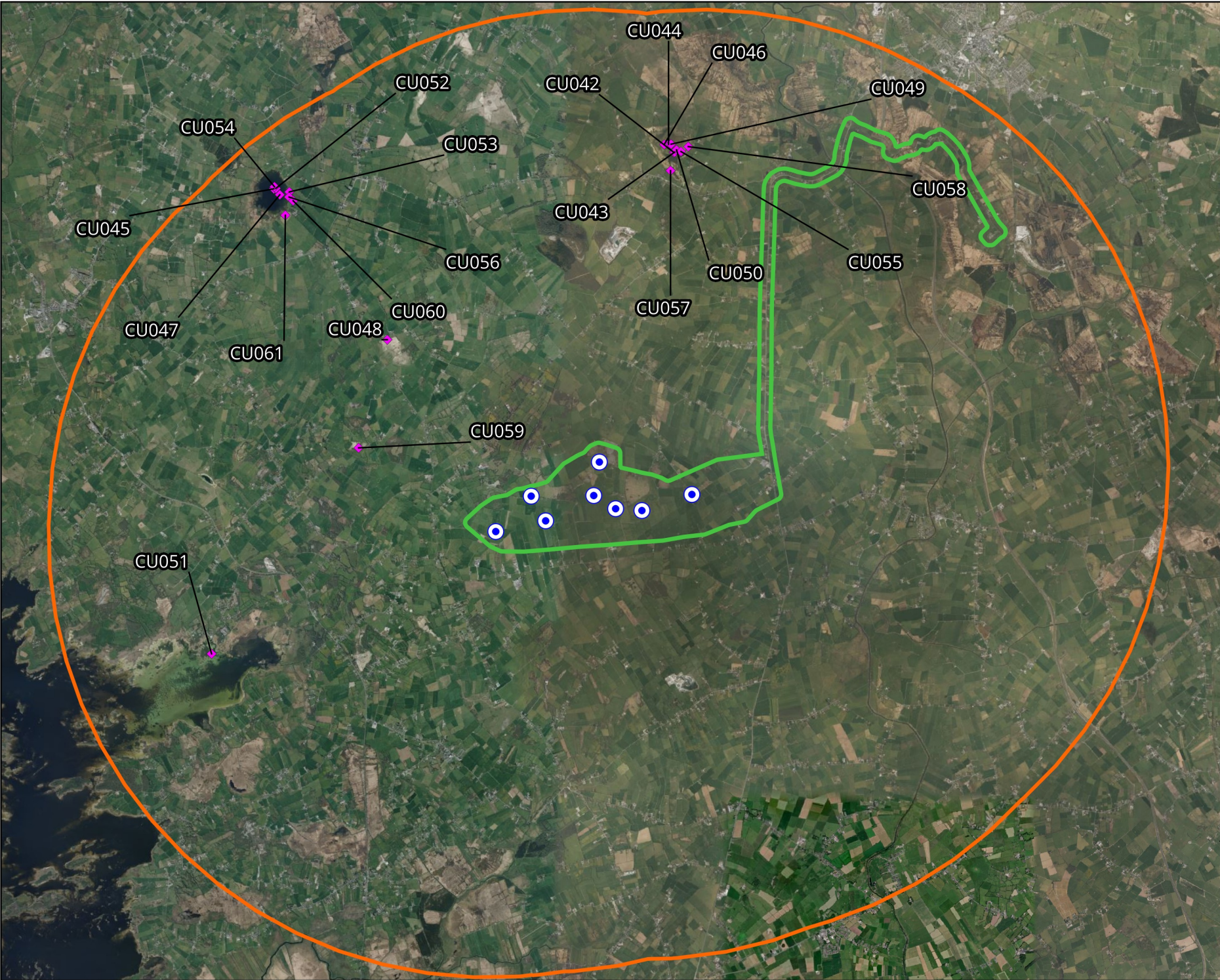
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Fig 7-4-33

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- Map Legend
- EIAR Site Boundary
 - Proposed Turbine Location
 - 8km Survey Radius
 - ◆ Observation



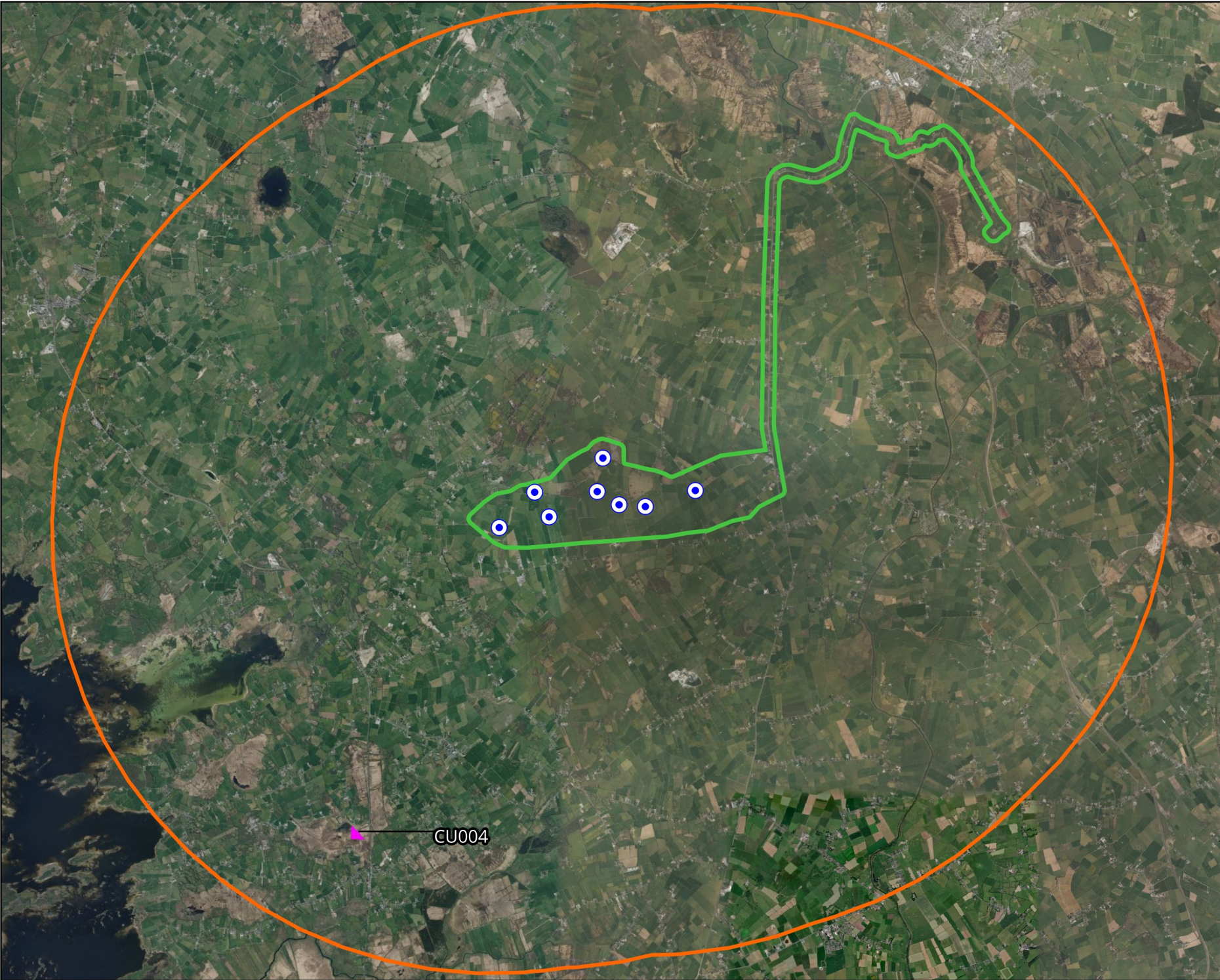
Drawing Title
Curlew Observations
Waterbird Distribution Surveys

Project Title
Laurclavagh Renewable Energy
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Map Legend

- EIA Site Boundary
- Proposed Turbine Location
- 8km Survey Radius
- Flight Observation



Drawing Title
**Curlew
Incidental Observations**

Project Title
**Laurclavagh Renewable Energy
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12.

KESTREL

Table 7-4-36 Kestrel Vantage Point Survey data

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1 (0-15m)	Band 2 (15-25m)	Band 3 (25-200m)	Band 4 (>200m)	Habitat and activity	Surveyor
K.093	VP1	09/11/2023	11:49	Kestrel	1	38	38	0	0	0	improved grassland; travelling	LDV
K.094	VP2	23/11/2023	09:03	Kestrel	1	24	0	24	0	0	improved grassland; hunting	LDV
K.095	VP2	13/12/2023	11:41	Kestrel	1	49	49	0	0	0	improved grassland; travelling, female	LDV
K.096	VP2	13/12/2023	11:53	Kestrel	1	-	-	-	-	-	linear woodland/scrub and improved grassland; perched on fence post	LDV
K.097	VP2	25/01/2024	08:44	Kestrel	1	14	14	0	0	0	improved grassland; flying	LDV
K.098	VP2	25/01/2024	09:09	Kestrel	1	27	27	0	0	0	improved grassland; travelling	LDV
K.099	VP2	25/01/2024	10:23	Kestrel	1	37	37	0	0	0	improved grassland and linear woodland/scrub; travelling, perching, perched for 20seconds	LDV
K.100	VP2	25/01/2024	11:48	Kestrel	1	-	-	-	-	-	linear woodland/scrub; perched	LDV
K.101	VP2	25/01/2024	11:49	Kestrel	1	286	86	200	0	0	improved grassland and linear woodland/scrub; hunting, hovering	LDV
K.102	VP2	25/01/2024	13:30	Kestrel	1	-	-	-	-	-	improved grassland; hunting, was hunting a few seconds before dropping	LDV
K.103	VP2	25/01/2024	13:37	Kestrel	1	378	178	100	0	0	improved grassland and linear woodland/scrub; hunting	LDV
K.104	VP2	12/02/2024	16:16	Kestrel	1	65	0	65	0	0	improved grassland; hunting	LDV
K.105	VP2	22/03/2024	09:26	Kestrel	1	21	0	21	0	0	scrub/transitional woodland; travelling, female	LDV
K.106	VP2	22/03/2024	11:09	Kestrel	1	39	39	0	0	0	improved grassland; travelling, perched, male	LDV
K.107	VP2	22/03/2024	11:09	Kestrel	1	-	-	-	-	-	scrub/transitional woodland; perched	LDV
K.108	VP2	24/04/2024	18:49	Kestrel	1	-	-	-	-	-	improved grassland; perched, perched in tree	LDV
K.109	VP2	24/04/2024	19:19	Kestrel	1	-	-	-	-	-	semi-natural woodland; perched, female	LDV
K.110	VP2	24/04/2024	19:23	Kestrel	1	-	-	-	-	-	semi-natural woodland; perched, male	LDV
K.111	VP2	24/04/2024	20:00	Kestrel	1	-	-	-	-	-	hedgerows; perched, female	LDV
K.112	VP2	24/04/2024	20:07	Kestrel	1	-	-	-	-	-	hedgerows; perched, female	LDV

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1 (0-15m)	Band 2 (15-25m)	Band 3 (25-200m)	Band 4 (>200m)	Habitat and activity	Surveyor
K.113	VP2	24/04/2024	20:13	Kestrel	1	-	-	-	-	-	improved grassland; perched, female, looking for food on a stone wall	LDV
K.114	VP2	24/04/2024	20:14	Kestrel	1	-	-	-	-	-	improved grassland; perched, female	LDV
K.115	VP2	24/04/2024	14:57	Kestrel	1	54	0	30	24	0	scrub/transitional woodland; hunting	LDV
K.116	VP2	24/04/2024	16:06	Kestrel	1	74	0	74	0	0	improved grassland and scrub/transitional woodland; hunting	LDV
K.117	VP2	24/04/2024	18:51	Kestrel	1	75	50	25	0	0	improved grassland, scrub/transitional woodland and hedgerows; travelling, male	LDV
K.118	VP2	24/04/2024	18:52	Kestrel	0	68	40	28	0	0	improved grassland and scrub/transitional woodland; travelling, female	LDV
K.119	VP2	24/04/2024	19:16	Kestrel	1	24	24	0	0	0	improved grassland; hunting, female	LDV
K.120	VP2	24/04/2024	19:17	Kestrel	1	37	0	0	37	0	improved grassland; travelling, male	LDV
K.121	VP2	24/04/2024	19:26	Kestrel	1	109	0	0	109	0	improved grassland and scrub/transitional woodland; hunting, male	LDV
K.122	VP2	24/04/2024	19:33	Kestrel	1	48	40	8	0	0	improved grassland; travelling, female, perched twice for less than 10s on stone walls	LDV
K.123	VP2	24/04/2024	19:36	Kestrel	1	55	40	15	0	0	improved grassland and scrub/transitional woodland; travelling, female	LDV
K.124	VP2	24/04/2024	19:59	Kestrel	1	6	6	0	0	0	improved grassland; hunting, female	LDV
K.125	VP2	24/04/2024	20:06	Kestrel	1	13	13	0	0	0	improved grassland; hunting, female	LDV
K.126	VP2	24/04/2024	20:14	Kestrel	1	11	11	0	0	0	improved grassland; travelling, female	LDV
K.127	VP1b	14/05/2024	05:48	Kestrel	2	8	0	8	0	0	scrub/transitional woodland and improved grassland; carrying prey, food pass	LDV
K.128	VP1b	14/05/2024	05:50	Kestrel	1	-	-	-	-	-	hedgerows; perching, briefly perched after foodpass	LDV
K.129	VP1b	14/05/2024	09:54	Kestrel	1	32	15	17	0	0	improved grassland; travelling	LDV
K.130	VP1b	14/05/2024	10:06	Kestrel	1	6	0	6	0	0	scrub/transitional woodland; carrying prey	LDV
K.131	VP1b	14/05/2024	10:07	Kestrel	1	-	-	-	-	-	scrub/transitional woodland; perching	LDV
K.132	VP1b	14/05/2024	10:13	Kestrel	1	8	6	2	0	0	scrub/transitional woodland; mobbing, mobbing a hooded crow	LDV
K.133	VP2	15/05/2024	10:47	Kestrel	1	51	0	51	0	0	improved grassland; travelling	LDV
K.134	VP2	25/06/2024	08:51	Kestrel	1	641	41	100	500	0	improved grassland and scrub/transitional woodland; hunting	LDV

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1 (0-15m)	Band 2 (15-25m)	Band 3 (25-200m)	Band 4 (>200m)	Habitat and activity	Surveyor
K.135	VP2	25/06/2024	09:27	Kestrel	1	582	0	182	400	0	improved grassland and scrub/transitional woodland; hunting	LDV
K.136	VP2	25/06/2024	13:49	Kestrel	1	158	0	50	108	0	improved grassland; travelling, hunting	LDV
K.137	VP2	20/09/2024	07:14	Kestrel	1	67	67	0	0	0	improved agricultural grassland; hunting	CC
K.138	VP1b	20/09/2024	07:43	Kestrel	1	122	100	22	0	0	improved agricultural grassland; hunting	CC
K.139	VP1b	20/09/2024	07:46	Kestrel	1	44	0	44	0	0	improved agricultural grassland; hunting	CC
K.140	VP2	20/09/2024	08:17	Kestrel	1	27	27	0	0	0	improved agricultural grassland; hunting, dropped into field, didn't see it reappear	CC
K.141	VP2	20/09/2024	08:34	Kestrel	1	247	200	47	0	0	improved agricultural grassland; travelling	CC
K.142	VP2	23/09/2024	10:36	Kestrel	1	52	52	0	0	0	improved agricultural grassland; hunting, travelling	CC
K.143	VP2	15/11/2024	12:13	Kestrel	1	57	57	0	0	0	improved agricultural grassland and linear woodland/scrib; hunting, travelling, lost behind hedgerow	PDC
K.144	VP1b	15/01/2025	09:32	Kestrel	1	10	10	0	0	0	linear woodland/scrib and improved agricultural grassland; travelling, came up from behind hedgerow then dropped again almost immediately.	PDC
K.145	VP2	12/02/2025	14:41	Kestrel	1	28	0	28	0	0	improved agricultural grassland; hunting, i think it dropped out of sight, but i'm not sure.	PDC
K.146	VP2	12/02/2025	16:08	Kestrel	1	14	0	14	0	0	improved agricultural grassland; hunting, spotted whilst following the herring gull. dropped below horizon.	PDC
K.147	VP1b	11/03/2025	12:24	Kestrel	1	595	595	0	0	0	improved agricultural grassland; travelling, hunting	PDC
K.148	VP1b	11/03/2025	12:25	Kestrel	1	112	112	0	0	0	improved agricultural grassland; travelling, hunting, came up to follow first kestrel. lost over horizon.	PDC
K.149	VP2	21/03/2025	07:34	Kestrel	1	11	11	0	0	0	scrub/transitional woodland and improved agricultural grassland; flying, male	JD

Table 7-4-37 Kestrel Winter Walkover Survey data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
K.005	14/02/2024	11:14	Kestrel	1	improved grassland and linear woodland/scrub; travelling, perched (flyover; non-breeding)	LDV
K.006	07/10/2024	09:15	Kestrel	1	improved agricultural grassland; hunting (wintering)	PDC
K.007	07/10/2024	11:58	Kestrel	1	improved agricultural grassland; mobbed, hunting, mobbed by hooded crow (wintering)	PDC
K.008	07/10/2024	11:59	Kestrel	1	improved agricultural grassland; hunting (wintering)	PDC
K.009	17/01/2025	12:05	Kestrel	1	improved agricultural grassland; hunting, travelling (wintering)	PDC

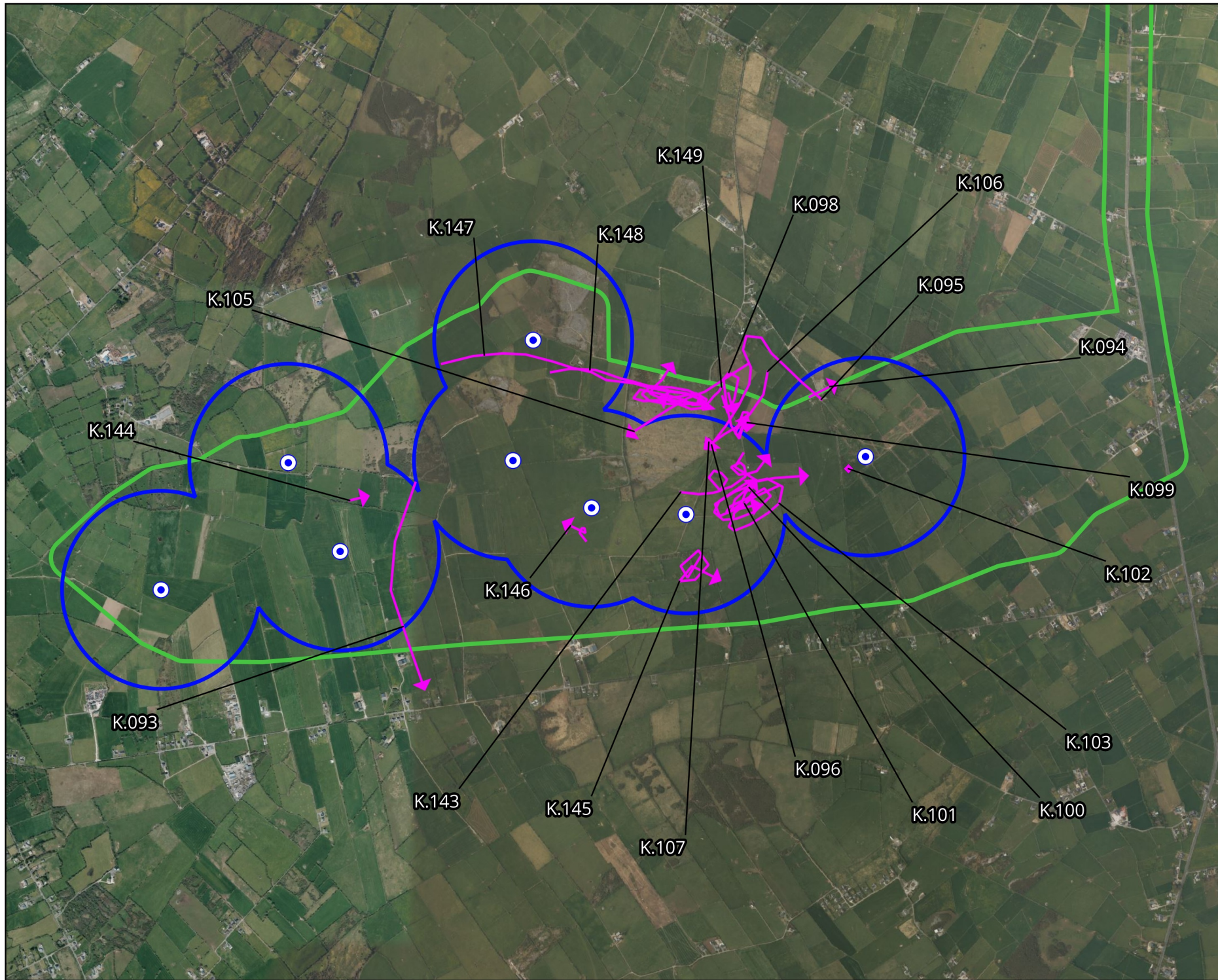
Table 7-4-38 Kestrel Breeding Walkover Survey data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
K.012	25/04/2024	12:23	Kestrel	1	scrub/transitional woodland; hunting (suitable nesting habitat; possible breeder)	LDV
K.013	25/04/2024	12:24	Kestrel	1	improved grassland; hunting (suitable nesting habitat; possible breeder)	LDV
K.014	02/07/2024	09:21	Kestrel	1	improved grassland and scrub/transitional woodland; mobbing, mobbing a buzzard (agitated behaviour; probable breeding)	LDV
K.015	02/07/2024	09:40	Kestrel	1	improved grassland and scrub/transitional woodland; hunting (suitable nesting habitat; possible breeder)	LDV

Table 7-4-39 Kestrel Incidental Observations

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
K.014	Hen Harrier Roost Survey; HHVP3	04/10/2023	08:31	Kestrel	1	scrub/transitional woodland; flying, mobbed by ravens	LDV
K.015	Waterbird Distribution Survey; Lough Hacket	22/11/2023	11:48	Kestrel	1	improved grassland and lakes and ponds; hunting	LDV
K.016	Hen Harrier Roost Survey; HHVP4	22/11/2023	15:18	Kestrel	1	semi-natural woodland; hunting	LDV
K.017	Hen Harrier Roost Survey; HHVP3	06/12/2023	08:42	Kestrel	1	scrub/transitional woodland and improved grassland; hunting	LDV
K.018	Hen Harrier Roost Survey; HHVP3	06/12/2023	09:40	Kestrel	1	improved grassland, scrub/transitional woodland and linear woodland/scrub; hunting, went to perch in tree	LDV
K.019	Hen Harrier Roost Survey; HHVP4	20/12/2023	09:55	Kestrel	1	freshwater marsh; travelling	LDV
K.020	Hen Harrier Roost Survey; HHVP3	04/03/2024	07:17	Kestrel	1	scrub/transitional woodland and improved grassland; hunting	LDV
K.021	Hen Harrier Roost Survey; HHVP4	25/03/2024	17:47	Kestrel	1	bogs; travelling, perched, male	LDV
K.022	Waterbird Distribution Survey; Annaghdown pier	17/09/2024	13:07	Kestrel	1	lakes and ponds; travelling	CC
K.023	Vantage Point Survey; Kilcurriv Eigher	09/10/2024	14:34	Kestrel	1	improved agricultural grassland; hunting	PDC

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
K.024	Hen Harrier Roost Survey; lough afoor	10/10/2024	08:59	Kestrel	1	reed and large sedge swamps; hunting	PDC
K.025	Waterbird Distribution Survey; Lough Afoor	31/10/2024	08:06	Kestrel	1	turloughs; flying	NL
K.026	Hen Harrier Roost Survey; HHVP3	15/11/2024	08:05	Kestrel	1	scrub/transitional woodland; travelling	LDV
K.027	Hen Harrier Roost Survey; HHVP2a	16/12/2024	15:14	Kestrel	1	improved agricultural grassland; hunting, female	ZOC
K.028	Hen Harrier Roost Survey; cluidrevagh	23/01/2025	17:09	Kestrel	1	improved agricultural grassland; travelling, perched	OC
K.029	Hen Harrier Roost Survey; HHVP3	21/02/2025	17:08	Kestrel	1	scrub/transitional woodland and improved agricultural grassland; travelling	LDV
K.030	Hen Harrier Roost Survey; HHVP3	21/02/2025	17:33	Kestrel	1	scrub/transitional woodland; hunting	LDV



Map Legend

- EIAR Site Boundary
- Proposed Turbine Location
- 500m Radius of Turbines
- Flight Observation
- Observation

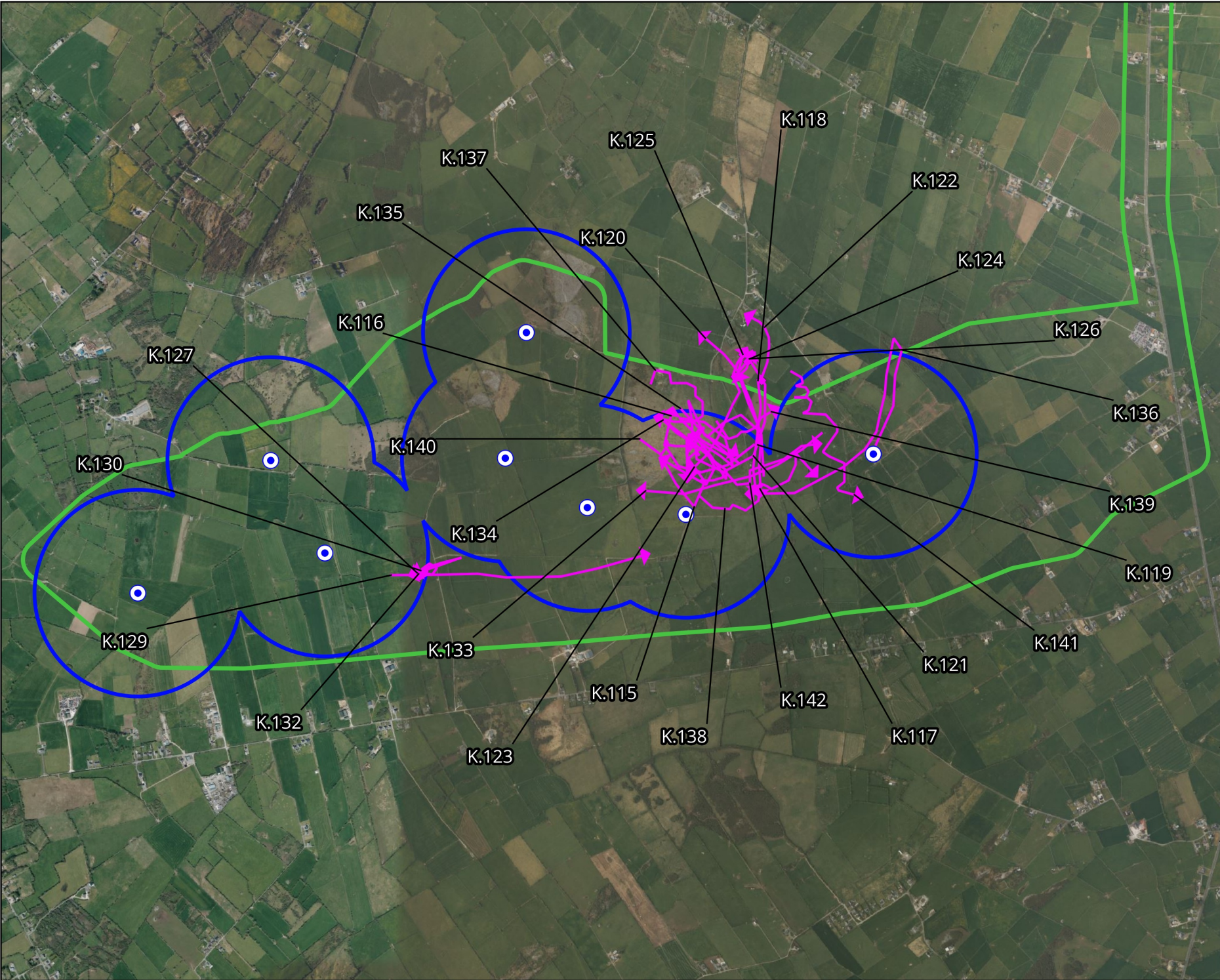
Drawing Title
Kestrel Observations
Vantage Point Surveys (Winter)

Project Title
Laurclavagh Renewable Energy Development

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Project No. 210627	Drawing No. Fig 7-4-36.1
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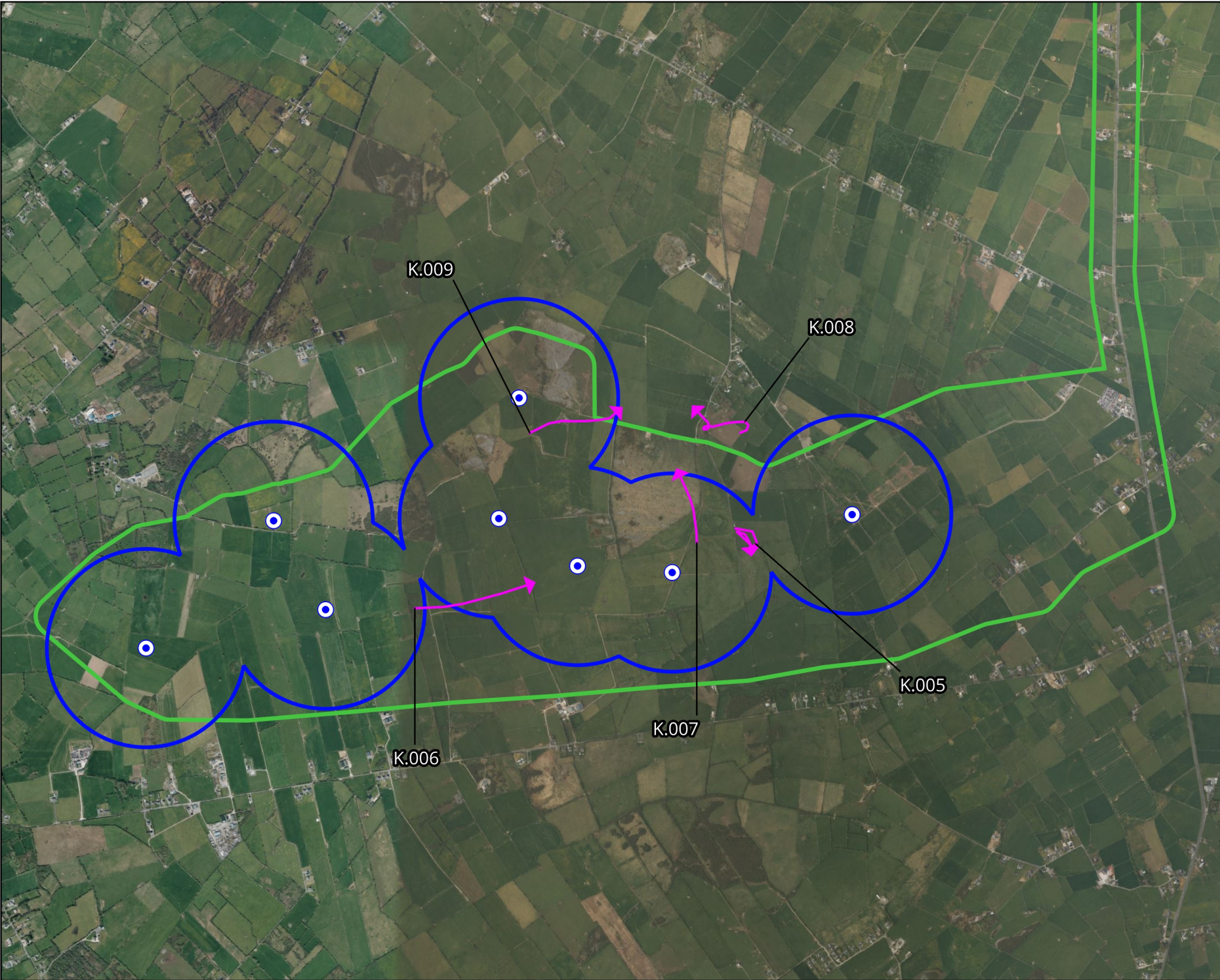
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- EIAR Site Boundary
 - Proposed Turbine Location
 - 500m Radius of Turbines
 - Flight Observation
 - ◆ Observation



Drawing Title	
Kestrel Observations	
Vantage Point Surveys (Breeding)	
Project Title	
Laurclavagh Renewable Energy Development	
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Map Legend

- EIAR Site Boundary
- ⊙ Proposed Turbine Location
- 500m Radius of Turbines
- Flight Observation

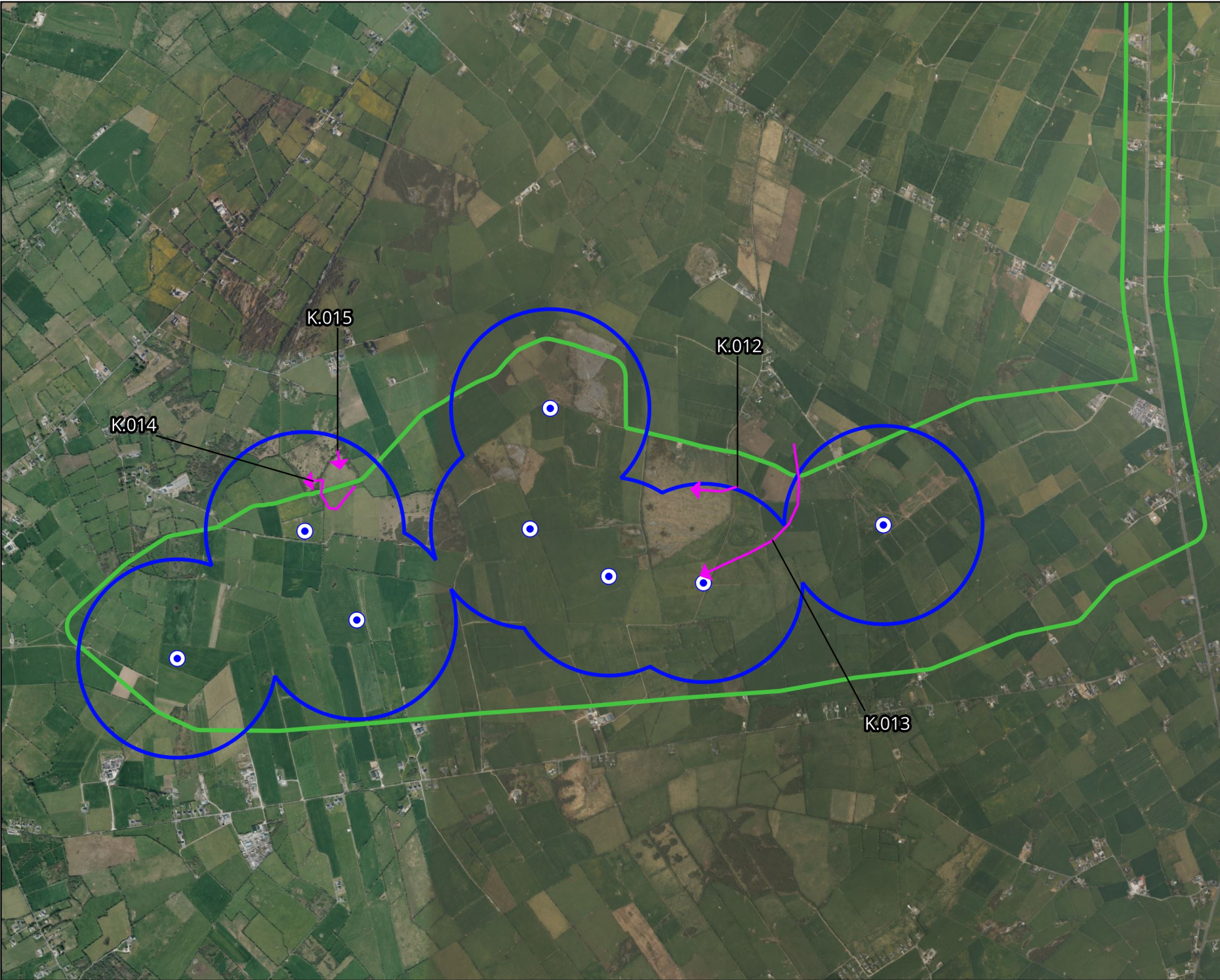


Drawing Title
**Kestrel Observations Winter
Walkover Surveys**

Project Title
**Laurclavagh Renewable Energy
Development**

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Map Legend

- EIAR Site Boundary
- ⊙ Proposed Turbine Location
- 500m Radius of Turbines
- Flight Observation

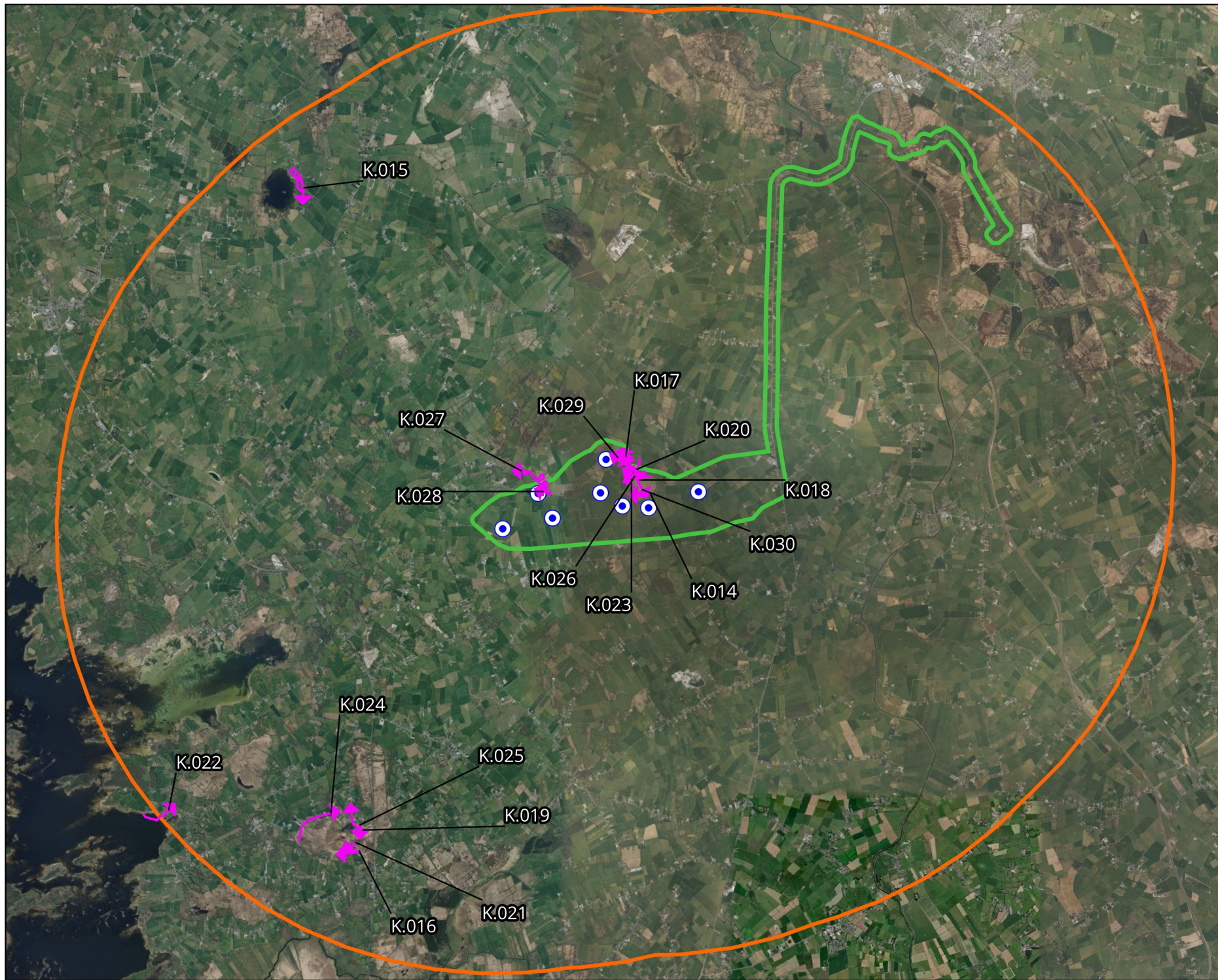


Drawing Title
**Kestrel Observations
Breeding Walkover Surveys**

Project Title
**Laurclavagh Renewable Energy
Development**

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Map Legend

- E.I.A.R. Site Boundary
- Proposed Turbine Location
- 8km Survey Radius
- Flight Observation



Drawing Title	
Kestrel Incidental Observations	
Project Title	
Laurclavagh Renewable Energy Development	
Drawn By	Checked By
ZE	DW
Project No.	Drawing No.
210627	Fig 7-4-39
Scale	Date
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13.

LAPWING

Table 7-4-40 Lapwing Vantage Point Survey data

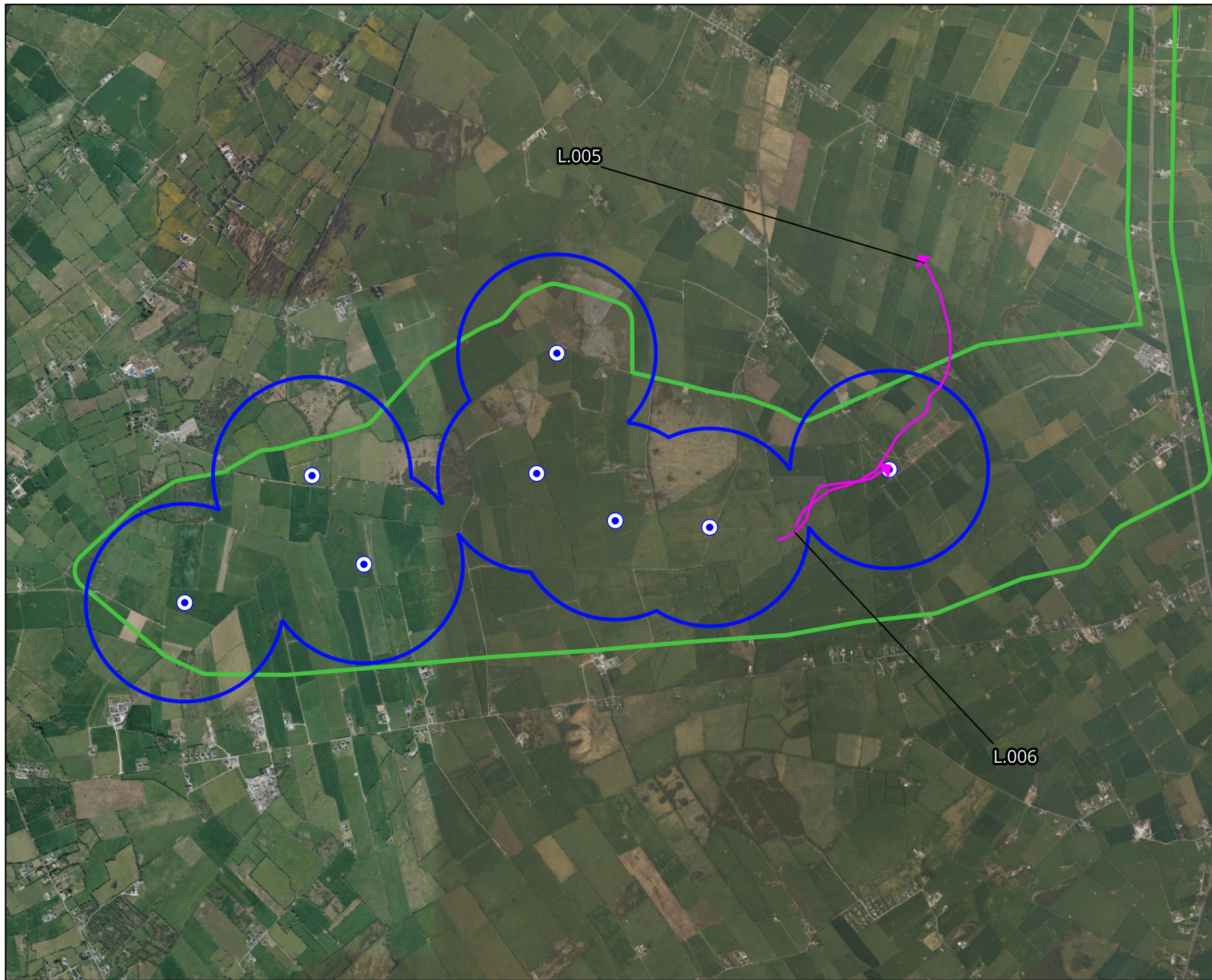
Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1 (0-15m)	Band 2 (15-25m)	PCH (25-200m)	Band 4 (>200m)	Habitat and activity	Surveyor
L.005	VP2	09/10/2024	18:14	Lapwing	6	255	255	0	0	0	improved agricultural grassland and hedgerows; travelling	PDC
L.006	VP2	09/10/2024	18:15	Lapwing	2	35	35	0	0	0	improved agricultural grassland; travelling, joined the other 6 briefly then i lost them due to the sparrowhawk flying past	PDC

Table 7-4-41 Lapwing Waterbird Distribution and Abundance Survey data

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
L.036	Belclare turlough	24/10/2023	12:21	Lapwing	180	turloughs; foraging, and flying around	LDV
L.037	Lough Hacket	07/11/2023	11:26	Lapwing	52	lakes and ponds; roosting	LDV
L.038	Bohercuill turlough	07/11/2023	11:54	Lapwing	13	turloughs; roosting	LDV
L.039	Lough Hacket	22/11/2023	11:47	Lapwing	68	lakes and ponds and improved grassland; roosting near water	LDV
L.040	Lough Hacket	06/12/2023	12:37	Lapwing	72	lakes and ponds; roosting on bank	LDV
L.041	Luimnagh pier	20/12/2023	10:57	Lapwing	72	lakes and ponds and semi-natural woodland; travelling east	LDV
L.042	Lough Hacket	20/12/2023	11:55	Lapwing	42	lakes and ponds and improved grassland; roosting on bank	LDV
L.043	Lough Hacket	03/01/2024	12:01	Lapwing	70	improved grassland and lakes and ponds; roosting, flying	LDV
L.044	Annaghdown pier	03/01/2024	15:11	Lapwing	150	lakes and ponds and improved grassland; flying, roosting	LDV
L.045	Lough Hacket	24/01/2024	13:21	Lapwing	80	lakes and ponds and improved grassland; roosting, flying	LDV
L.046	Lough Hackett	09/02/2024	12:21	Lapwing	53	lakes and ponds; roosting, flying	LDV
L.047	Bohercuill turlough	09/02/2024	12:41	Lapwing	29	turloughs; roosting	LDV
L.048	Belclare turlough	09/04/2024	10:12	Lapwing	2	turloughs; roosting	LDV
L.049	Belclare turlough	08/05/2024	12:27	Lapwing	1	turloughs; roosting	LDV
L.050	Luimnagh Pier	17/10/2024	08:44	Lapwing	25	watercourses; flying	NL
L.051	Lough Hackett	05/12/2024	11:48	Lapwing	125	wet grassland; roosting	PM
L.052	Lough Hackett	12/12/2024	11:50	Lapwing	57	lakes and ponds; roosting	PM
L.053	Lough Hacket	23/01/2025	11:01	Lapwing	79	lakes and ponds; foraging	PDC

Table 7-4-42 Lapwing Incidental Observations

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
L.003	Hen Harrier Roost Survey; HHVP4	20/12/2023	09:13	Lapwing	52	freshwater marsh and bogs; travelling	LDV



Map Legend

-  EIAR Site Boundary
-  Proposed Turbine Location
-  500m Radius of Turbines
-  Flight Observation



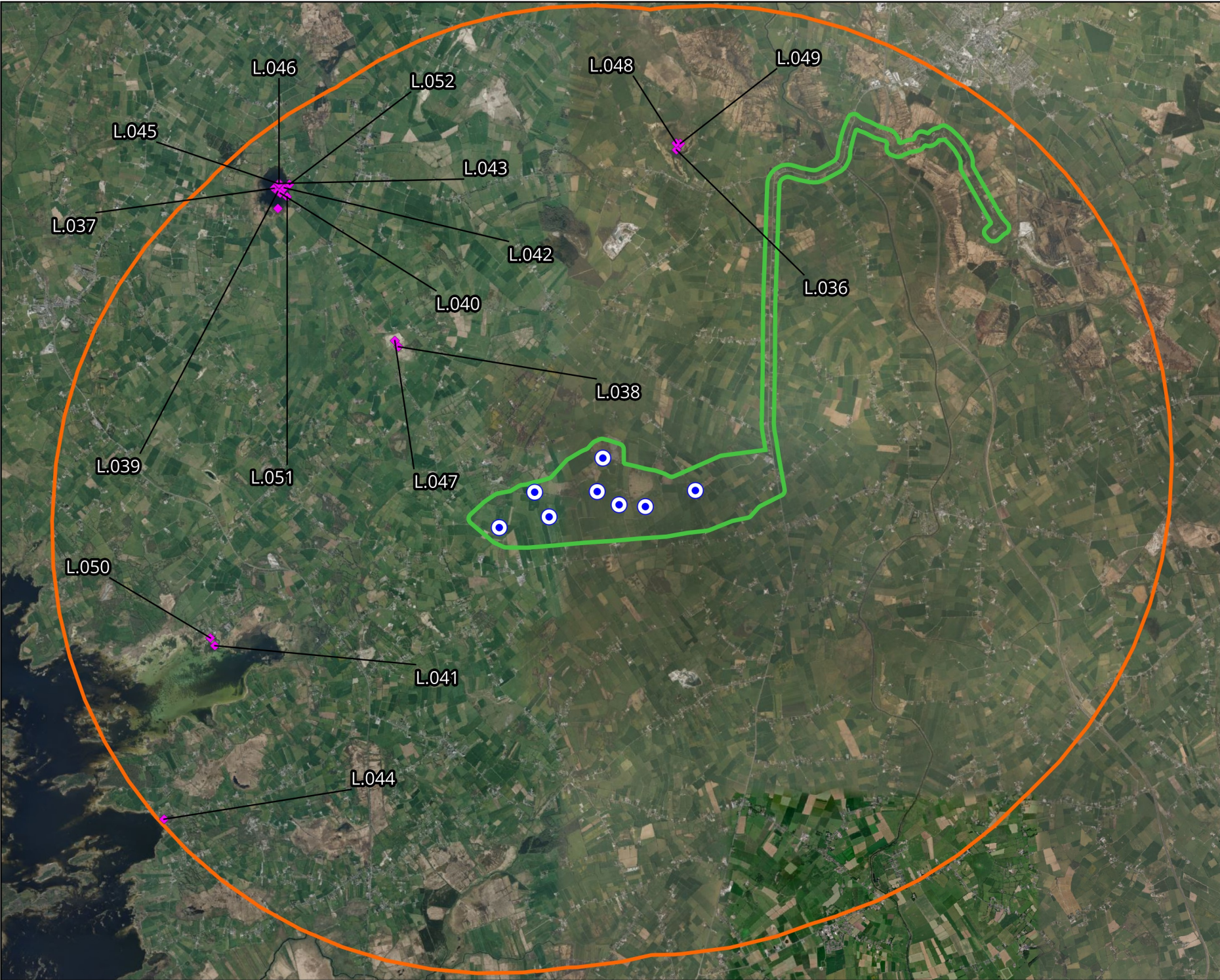
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Lapwing Observations Vantage
Point Surveys

Project Title
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Project No. 210627	Drawing No. Fig 7-4-40
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- Map Legend
- EIAR Site Boundary
 - Proposed Turbine Location
 - 8km Survey Radius
 - ◆ Observation

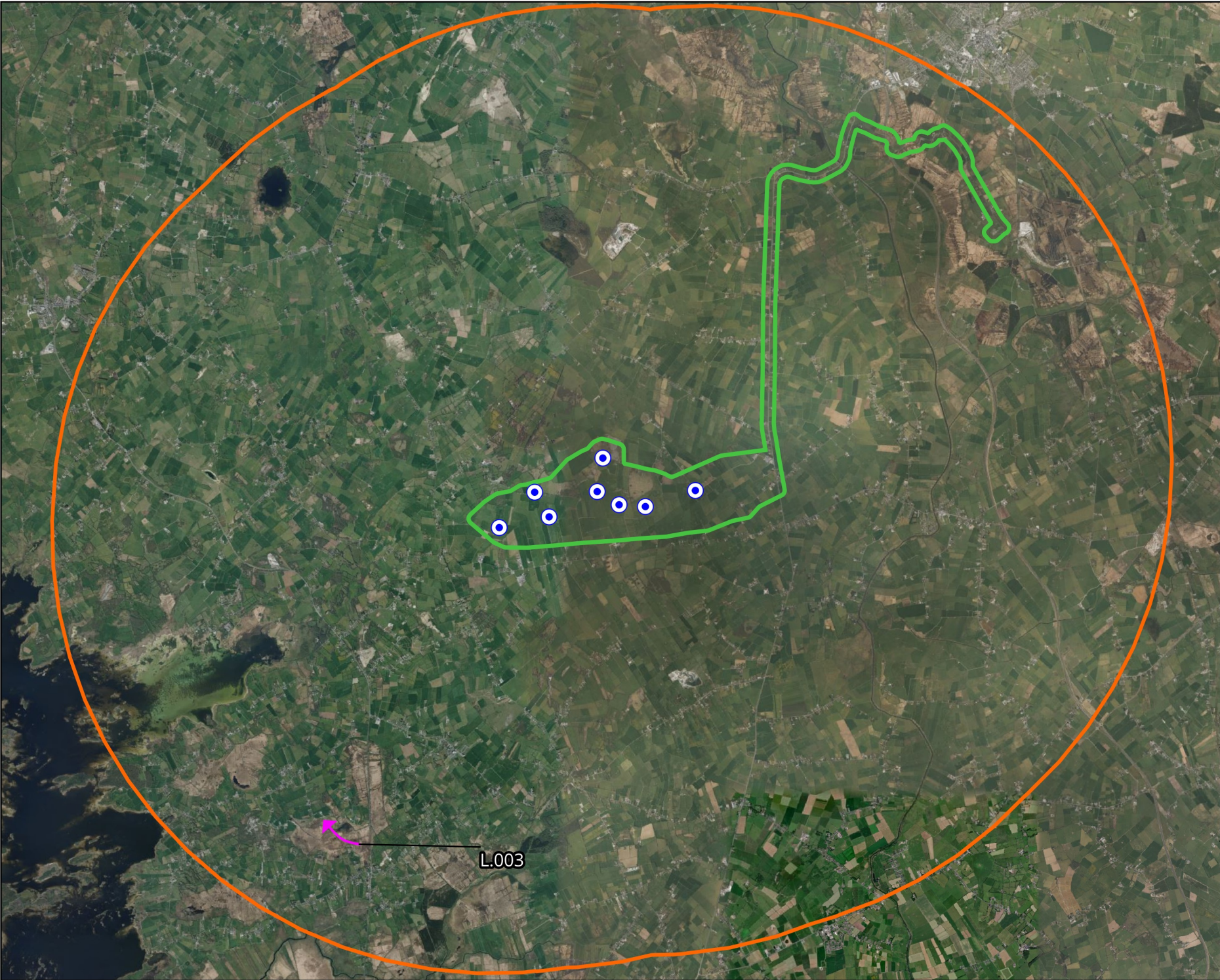


Drawing Title
Lapwing Observations
Waterbird Distribution Surveys

Project Title
Laurclavagh Renewable Energy
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Project No. 210627	Drawing No. Fig 7-4-41
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Map Legend

- EIAR Site Boundary
- Proposed Turbine Location
- 8km Survey Radius
- Flight Observation



Drawing Title
**Lapwing
Incidental Observations**

Project Title
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SNIFE

Table 7-4-43 Snipe Vantage Point Survey data

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1 (0-15m)	Band 2 (15-25m)	Band 3 (25-200m)	Band 4 (>200m)	Habitat and activity	Surveyor
SN016	VP2	17/10/2023	13:20	Snipe	8	15	0	0	15	0	improved grassland and scrub/transitional woodland; travelling	LDV
SN017	VP2	17/10/2023	13:21	Snipe	18	23	0	0	23	0	improved grassland and scrub/transitional woodland; travelling	LDV
SN018	VP2	17/10/2023	13:25	Snipe	8	143	0	0	143	0	improved grassland; travelling	LDV
SN019	VP2	17/10/2023	13:54	Snipe	8	45	0	0	45	0	improved grassland; travelling	LDV
SN020	VP1b	14/05/2024	05:47	Snipe	1	12	0	12	0	0	improved grassland; travelling, lost behind scrub	LDV
SN021	VP1b	18/09/2024	07:39	Snipe	1	-	-	-	-	-	improved agricultural grassland; calling, heard not seen	CC
SN022	VP1b	18/09/2024	07:42	Snipe	2	29	29	0	0	0	improved agricultural grassland; travelling	CC
SN023	VP1b	08/10/2024	14:51	Snipe	1	38	30	8	0	0	improved agricultural grassland; chased, travelling, chased by peregrine before climbing to escape	PDC
SN024	VP1b	08/10/2024	14:52	Snipe	1	10	10	0	0	0	improved agricultural grassland; chased, was also being chased briefly by peregrine. didn't see where it went as i followed the peregrine and the other snipe.	PDC
SN025	VP1b	08/10/2024	18:36	Snipe	9	148	0	148	0	0	improved agricultural grassland; travelling, two flocks, one of 6 and one of 3, joined up in mid-air.	PDC
SN026	VP2	09/10/2024	15:40	Snipe	1	62	62	0	0	0	improved agricultural grassland; travelling	PDC
SN027	VP1b	10/12/2024	12:23	Snipe	1	6	6	0	0	0	improved agricultural grassland; flushed, flushed by buzzard, didn't see where it ended up as i followed the buzzard.	PDC
SN028	VP1b	10/12/2024	12:38	Snipe	4	9	9	0	0	0	improved agricultural grassland; flushed, flushed by buzzard.	PDC
SN029	VP1b	10/12/2024	14:51	Snipe	1	9	9	0	0	0	improved agricultural grassland; flushed, a flock of starlings seemed to spook this snipe into moving from one field to another.	PDC
SN030	VP2	16/01/2025	07:36	Snipe	3	-	-	-	-	-	improved agricultural grassland; calling, i counted over 20 calls from three different	PDC

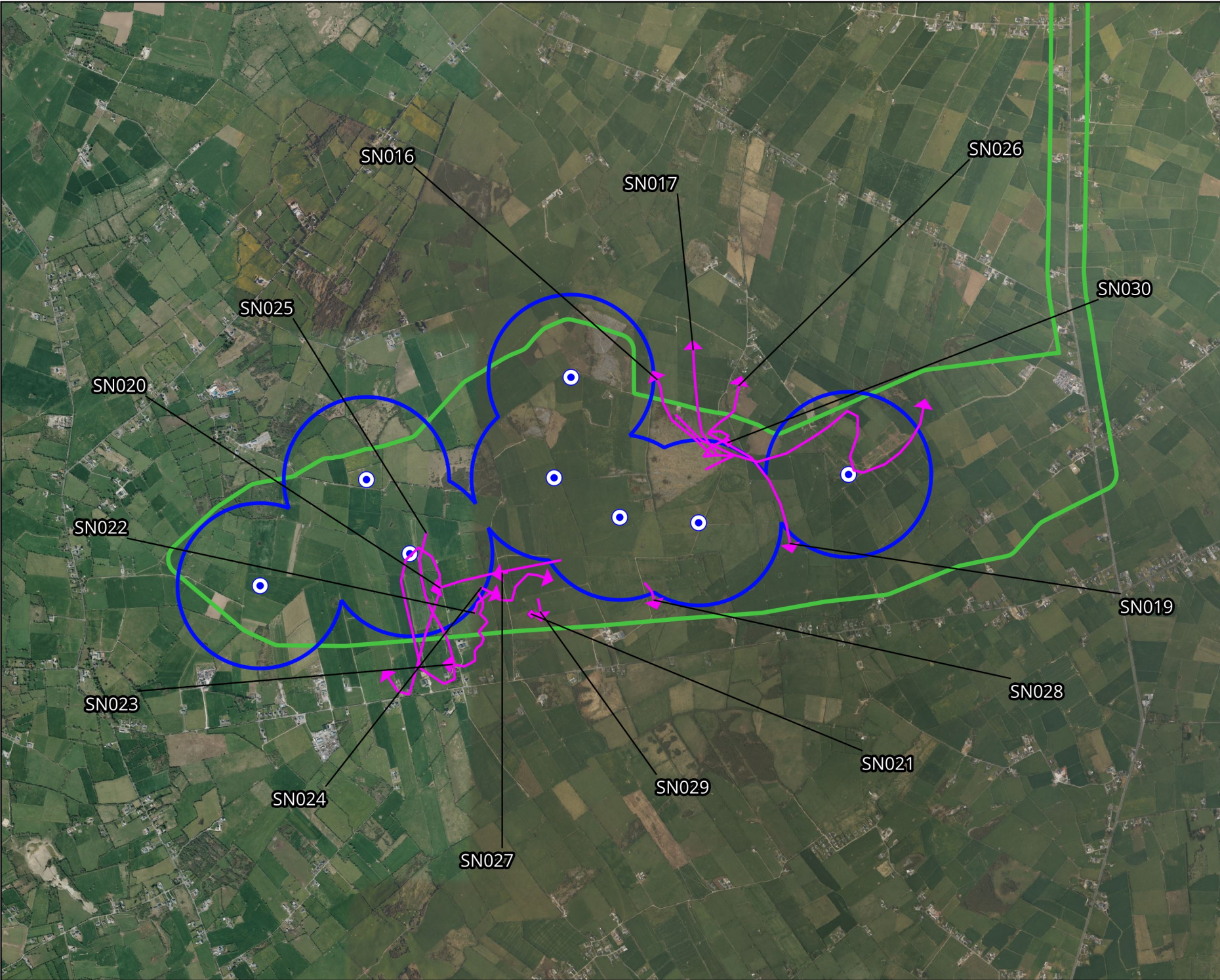
Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1 (0-15m)	Band 2 (15-25m)	Band 3 (25-200m)	Band 4 (>200m)	Habitat and activity	Surveyor
											directions, so i think there were at least 3 birds calling.	

Table 7-4-44 Snipe Winter Walkover Survey data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
SN007	14/02/2024	12:57	Snipe	1	improved grassland; flushed (flyover; non-breeding)	LDV
SN008	07/10/2024	09:17	Snipe	1	improved agricultural grassland; travelling (wintering)	PDC
SN009	07/10/2024	09:18	Snipe	3	improved agricultural grassland; travelling (wintering)	PDC
SN010	07/10/2024	09:18	Snipe	1	improved agricultural grassland; travelling (wintering)	PDC
SN011	07/10/2024	09:19	Snipe	3	improved agricultural grassland; travelling (wintering)	PDC
SN012	07/10/2024	10:20	Snipe	1	improved agricultural grassland; flushed (wintering)	PDC
SN013	07/10/2024	11:53	Snipe	2	improved agricultural grassland; travelling (wintering)	PDC
SN014	07/10/2024	11:56	Snipe	1	improved agricultural grassland; travelling (wintering)	PDC
SN015	07/10/2024	11:57	Snipe	6	improved agricultural grassland; travelling (wintering)	PDC
SN016	07/10/2024	11:58	Snipe	7	improved agricultural grassland; travelling (wintering)	PDC
SN017	07/10/2024	11:59	Snipe	1	improved agricultural grassland; travelling (wintering)	PDC

Table 7-4-45 Snipe Incidental Observations

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
SN013	Hen Harrier Roost Survey; Lough afoor	02/10/2023	18:11	Snipe	2	bogs; flying	LDV
SN014	Hen Harrier Roost Survey; HHVP3	04/10/2023	08:34	Snipe	1	scrub/transitional woodland; flying	LDV
SN015	Hen Harrier Roost Survey; HHVP1	16/11/2023	15:54	Snipe	1	improved grassland; travelling	LDV
SN016	Hen Harrier Roost Survey; HHVP4	24/01/2024	08:54	Snipe	1	lakes and ponds; travelling	LDV
SN017	Hen Harrier Roost Survey; Laurclavagh	15/10/2024	07:35	Snipe	2	improved agricultural grassland; calling, calling overhead in the dark	PDC
SN018	Hen Harrier Roost Survey; HHVP3	15/11/2024	07:26	Snipe	1	improved agricultural grassland; calling, heard not seen	LDV
SN019	Hen Harrier Roost Survey; HHVP3	05/12/2024	17:05	Snipe	4	wet grassland; leaving field	PM
SN020	Hen Harrier Roost Survey; HHVP2a	16/12/2024	16:50	Snipe	1	improved agricultural grassland; calling	ZOC
SN021	Hen Harrier Roost Survey; HHVP3	31/03/2025	20:51	Snipe	1	scrub/transitional woodland; calling, heard not seen	LDV



Map Legend

- EIAR Site Boundary
- Proposed Turbine Location
- 500m Radius of Turbines
- Flight Observation
- ◆ Observation



Drawing Title
Snipe Observations Vantage Point Surveys

Project Title
Laurclavagh Renewable Energy Development

Drawn By
ZE

Checked By
DW

Project No.
210627

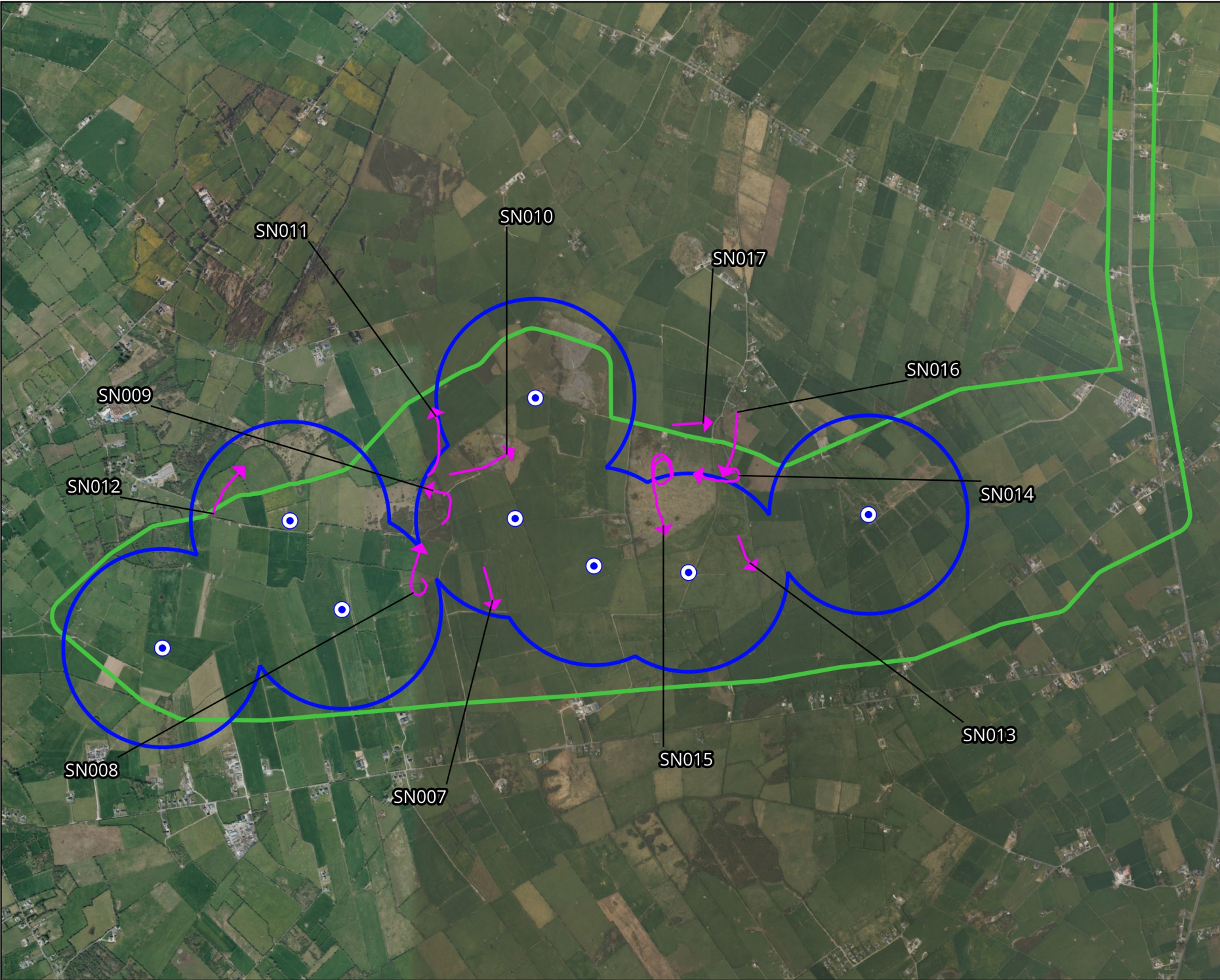
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Fig 7-4-43

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- Map Legend
- EIAR Site Boundary
 - Proposed Turbine Location
 - 500m Radius of Turbines
 - Flight Observation

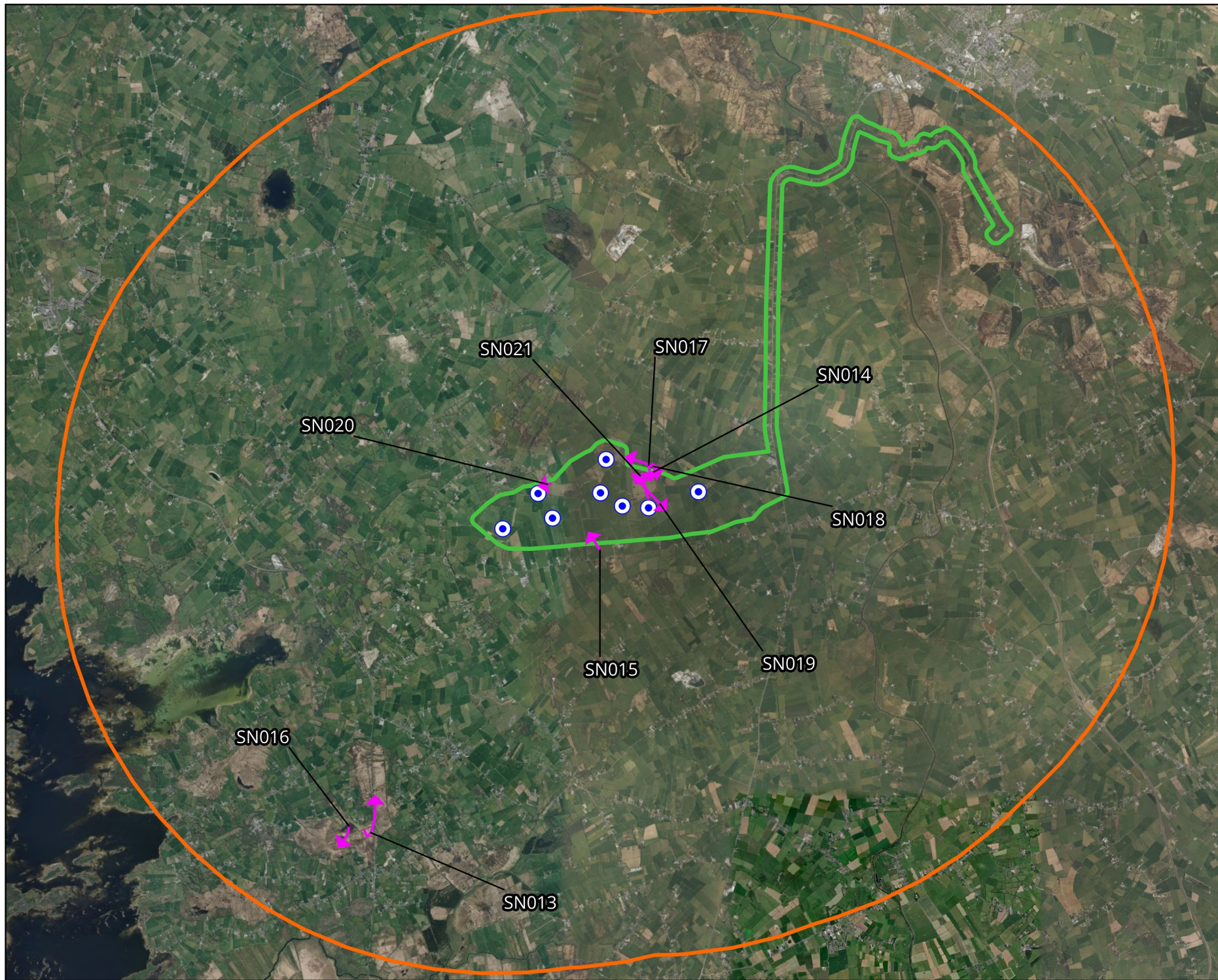


Drawing Title
**Snipe Observations
Winter Walkover Surveys**

Project Title
**Laurclavagh Renewable Energy
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Map Legend

- Eiar Site Boundary
- Proposed Turbine Location
- 8km Survey Radius
- Flight Observation



Drawing Title
**Snipe Observations
Waterbird Distribution Surveys**

Project Title
**Laurclavagh Renewable Energy
Development**

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BUZZARD

Table 7-4-46 Buzzard Vantage Point Survey data

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1 (0-15m)	Band 2 (15-25m)	Band 3 (25-200m)	Band 4 (>200m)	Habitat and activity	Surveyor
BZ068	VP1	06/10/2023	15:16	Buzzard	1	14	10	4	0	0	improved grassland; travelling, went to perch	LDV
BZ069	VP1	06/10/2023	15:17	Buzzard	1	-	-	-	-	-	improved grassland; perched	LDV
BZ070	VP1	06/10/2023	18:03	Buzzard	1	27	17	10	0	0	improved grassland and semi-natural woodland; travelling	LDV
BZ071	VP1	06/10/2023	18:06	Buzzard	1	19	9	10	0	0	scrub/transitional woodland; travelling	LDV
BZ072	VP1	09/11/2023	08:09	Buzzard	3	97	0	97	0	0	improved grassland and scrub/transitional woodland; travelling	LDV
BZ073	VP1	09/11/2023	12:12	Buzzard	1	121	0	21	100	0	improved grassland and scrub/transitional woodland; hunting	LDV
BZ074	VP2	23/11/2023	11:09	Buzzard	1	8	8	0	0	0	improved grassland and semi-natural woodland; travelling	LDV
BZ075	VP1	09/01/2024	09:07	Buzzard	1	53	33	20	0	0	improved grassland and scrub/transitional woodland; flying, perched	LDV
BZ076	VP2	22/03/2024	09:19	Buzzard	2	182	0	0	182	0	highly modified/non-native woodland; soaring	LDV
BZ077	VP2	22/03/2024	09:33	Buzzard	1	216	0	50	166	0	improved grassland and highly modified/non-native woodland; travelling, displaying	LDV
BZ078	VP2	22/03/2024	11:27	Buzzard	1	71	0	71	0	0	improved grassland and highly modified/non-native woodland; travelling	LDV
BZ079	VP2	22/03/2024	11:28	Buzzard	1	8	0	8	0	0	highly modified/non-native woodland; travelling, briefly seen while observing another buzzard	LDV
BZ080	VP2	22/03/2024	11:37	Buzzard	2	312	0	0	212	100	semi-natural woodland and improved grassland; soaring, displaying	LDV
BZ081	VP2	24/04/2024	15:30	Buzzard	3	1016	0	0	800	216	improved grassland and scrub/transitional woodland; displaying, soaring, calling	LDV
BZ082	VP2	24/04/2024	17:18	Buzzard	1	298	0	18	280	0	improved grassland and scrub/transitional woodland; displaying, soaring	LDV
BZ083	VP2	24/04/2024	17:29	Buzzard	1	687	0	0	687	0	improved grassland and scrub/transitional woodland; soaring, mobbed	LDV

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1 (0-15m)	Band 2 (15-25m)	Band 3 (25-200m)	Band 4 (>200m)	Habitat and activity	Surveyor
BZ084	VP2	15/05/2024	10:40	Buzzard	2	183	0	3	180	0	improved grassland and scrub/transitional woodland; soaring, displaying	LDV
BZ085	VP1b	07/06/2024	07:58	Buzzard	1	71	0	51	20	0	improved grassland and scrub/transitional woodland; travelling	LDV
BZ086	VP1b	07/06/2024	08:03	Buzzard	2	137	0	0	137	0	improved grassland and scrub/transitional woodland; soaring	LDV
BZ087	VP1b	07/06/2024	08:11	Buzzard	1	225	0	0	225	0	improved grassland and scrub/transitional woodland; soaring	LDV
BZ088	VP2	25/06/2024	09:40	Buzzard	1	37	0	37	0	0	improved grassland; travelling, hunting	LDV
BZ089	VP1b	13/08/2024	11:52	Buzzard	1	17	17	0	0	0	improved agricultural grassland and hedgerows; travelling, lost over hedgerow	CC
BZ090	VP2	20/08/2024	15:48	Buzzard	1	8	8	0	0	0	improved agricultural grassland; travelling	CC
BZ091	VP1b	18/09/2024	07:19	Buzzard	1	67	0	67	0	0	improved agricultural grassland; hunting	CC
BZ092	VP1b	18/09/2024	07:48	Buzzard	1	22	0	22	0	0	improved agricultural grassland; travelling	CC
BZ093	VP1b	18/09/2024	09:02	Buzzard	1	70	10	50	10	0	improved agricultural grassland; travelling	CC
BZ094	VP1b	18/09/2024	11:07	Buzzard	1	14	14	0	0	0	improved agricultural grassland; travelling	CC
BZ095	VP1b	18/09/2024	11:39	Buzzard	1	287	20	110	157	0	improved agricultural grassland; soaring	CC
BZ096	VP2	09/10/2024	14:53	Buzzard	1	369	85	284	0	0	improved agricultural grassland and hedgerows; soaring, mobbed, mobbed by flock of 7 rooks	PDC
BZ097	VP2	09/10/2024	14:54	Buzzard	1	34	34	0	0	0	improved agricultural grassland and hedgerows; travelling, mobbed, came up with previous buzzard but was chased off by 2 rooks	PDC
BZ098	VP2	09/10/2024	14:55	Buzzard	1	32	0	0	32	0	improved agricultural grassland; soaring, lost against grey clouds	PDC
BZ099	VP2	09/10/2024	17:18	Buzzard	1	210	0	0	210	0	improved agricultural grassland; soaring	PDC
BZ100	VP1b	10/12/2024	10:56	Buzzard	1	24	24	0	0	0	improved agricultural grassland and linear woodland/scrub; mobbed, travelling, perched, mobbed by 2 hooded crow before settling in a tree.	PDC
BZ101	VP1b	10/12/2024	12:22	Buzzard	1	16	16	0	0	0	improved agricultural grassland and linear woodland/scrub; travelling, perched, flushed a snipe, then settled briefly in the hedgerow	PDC

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1 (0-15m)	Band 2 (15-25m)	Band 3 (25-200m)	Band 4 (>200m)	Habitat and activity	Surveyor
											before heading off out of sight the other side of the hedge.	
BZ102	VP1b	10/12/2024	12:24	Buzzard	1	31	31	0	0	0	improved agricultural grassland; travelling, probably the same bird as the previous sightings.	PDC
BZ103	VP1b	10/12/2024	12:37	Buzzard	1	107	107	0	0	0	improved agricultural grassland and linear woodland/scrub; mobbed, travelling, perched, mobbed by rooks, then flushed 4 snipe before settling in a tree.	PDC
BZ104	VP1b	10/12/2024	13:55	Buzzard	1	26	26	0	0	0	improved agricultural grassland and linear woodland/scrub; travelling, lost behind the hedgerow	PDC
BZ105	VP2	16/01/2025	12:33	Buzzard	1	85	85	0	0	0	improved agricultural grassland and linear woodland/scrub; travelling, hard to judge height as ground falls away from the vp and the buzzard was below me.	PDC
BZ106	VP1b	11/03/2025	07:16	Buzzard	1	134	134	0	0	0	improved agricultural grassland; travelling, lost near low sun	PDC
BZ107	VP1b	11/03/2025	10:47	Buzzard	1	76	0	76	0	0	improved agricultural grassland; travelling, soaring	PDC
BZ108	VP1b	11/03/2025	11:30	Buzzard	2	330	0	290	40	0	improved agricultural grassland; soaring, travelling	PDC
BZ109	VP1b	11/03/2025	11:32	Buzzard	1	125	0	0	125	0	improved agricultural grassland; mobbed, soaring, spotted whilst watching the pair of buzzards. lost against bright sky.	PDC
BZ110	VP1b	11/03/2025	11:53	Buzzard	2	162	0	0	162	0	improved agricultural grassland; soaring	PDC
BZ111	VP2	21/03/2025	10:28	Buzzard	1	16	6	10	0	0	improved agricultural grassland; flying	JD
BZ112	VP2	21/03/2025	10:59	Buzzard	1	26	16	10	0	0	improved agricultural grassland and scrub/transitional woodland; flying	JD

Table 7-4-47 Buzzard Winter Walkover Survey data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
BZ002	10/10/2023	11:15	Buzzard	1	improved grassland and scrub/transitional woodland; flying (flyover; non-breeding)	LDV
BZ003	10/10/2023	11:16	Buzzard	1	improved grassland and scrub/transitional woodland; flying (flyover; non-breeding)	LDV
BZ004	08/11/2023	09:07	Buzzard	1	improved grassland and scrub/transitional woodland; flushed (wintering)	LDV
BZ005	08/11/2023	10:02	Buzzard	1	improved grassland; hunting (wintering)	LDV
BZ006	10/01/2024	11:03	Buzzard	1	scrub/transitional woodland and linear woodland/scrub; perched, flying (flyover; non-breeding)	LDV
BZ007	10/01/2024	13:00	Buzzard	1	linear woodland/scrub and improved grassland; perched, flying (flyover; non-breeding)	LDV
BZ008	14/02/2024	13:48	Buzzard	1	improved grassland; hunting, perched (flyover; non-breeding)	LDV
BZ009	07/10/2024	09:20	Buzzard	1	improved agricultural grassland; travelling (wintering)	PDC
BZ010	07/10/2024	09:20	Buzzard	1	improved agricultural grassland; travelling, presumed same bird (wintering)	PDC
BZ011	07/10/2024	09:21	Buzzard	1	improved agricultural grassland; travelling, presumed same bird (wintering)	PDC
BZ012	17/01/2025	08:52	Buzzard	1	scrub and improved agricultural grassland; flushed, chased out of scrub by a rook and a jackdaw (wintering)	PDC

Table 7-4-48 Buzzard Breeding Walkover Survey data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
BZ011	25/04/2024	11:15	Buzzard	1	scrub/transitional woodland; soaring, mobbed, mobbed by hooded crow (suitable nesting habitat; possible breeder)	LDV
BZ012	25/04/2024	12:24	Buzzard	1	semi-natural woodland and improved grassland; soaring (suitable nesting habitat; possible breeder)	LDV
BZ013	17/05/2024	11:15	Buzzard	1	improved grassland and scrub/transitional woodland; soaring, mobbed (suitable nesting habitat; possible breeder)	LDV
BZ014	17/05/2024	11:56	Buzzard	1	semi-natural woodland and improved grassland; mobbing, mobbing a hooded crow (agitated behaviour; probable breeding)	LDV
BZ015	11/06/2024	10:56	Buzzard	1	improved grassland; soaring, calling (suitable nesting habitat; possible breeder)	LDV
BZ016	02/07/2024	07:30	Buzzard	1	hedgerows and improved grassland; flushed (suitable nesting habitat; possible breeder)	LDV
BZ017	02/07/2024	07:30	Buzzard	1	improved grassland; travelling (suitable nesting habitat; possible breeder)	LDV
BZ018	02/07/2024	09:19	Buzzard	1	improved grassland and scrub/transitional woodland; travelling, mobbed, mobbed by kestrel (suitable nesting habitat; possible breeder)	LDV
BZ019	02/07/2024	07:30	Buzzard	1	scrub/transitional woodland; travelling (suitable nesting habitat; possible breeder)	LDV
BZ020	02/07/2024	09:39	Buzzard	1	improved grassland and scrub/transitional woodland; travelling, mobbed, mobbed by crows (suitable nesting habitat; possible breeder)	LDV

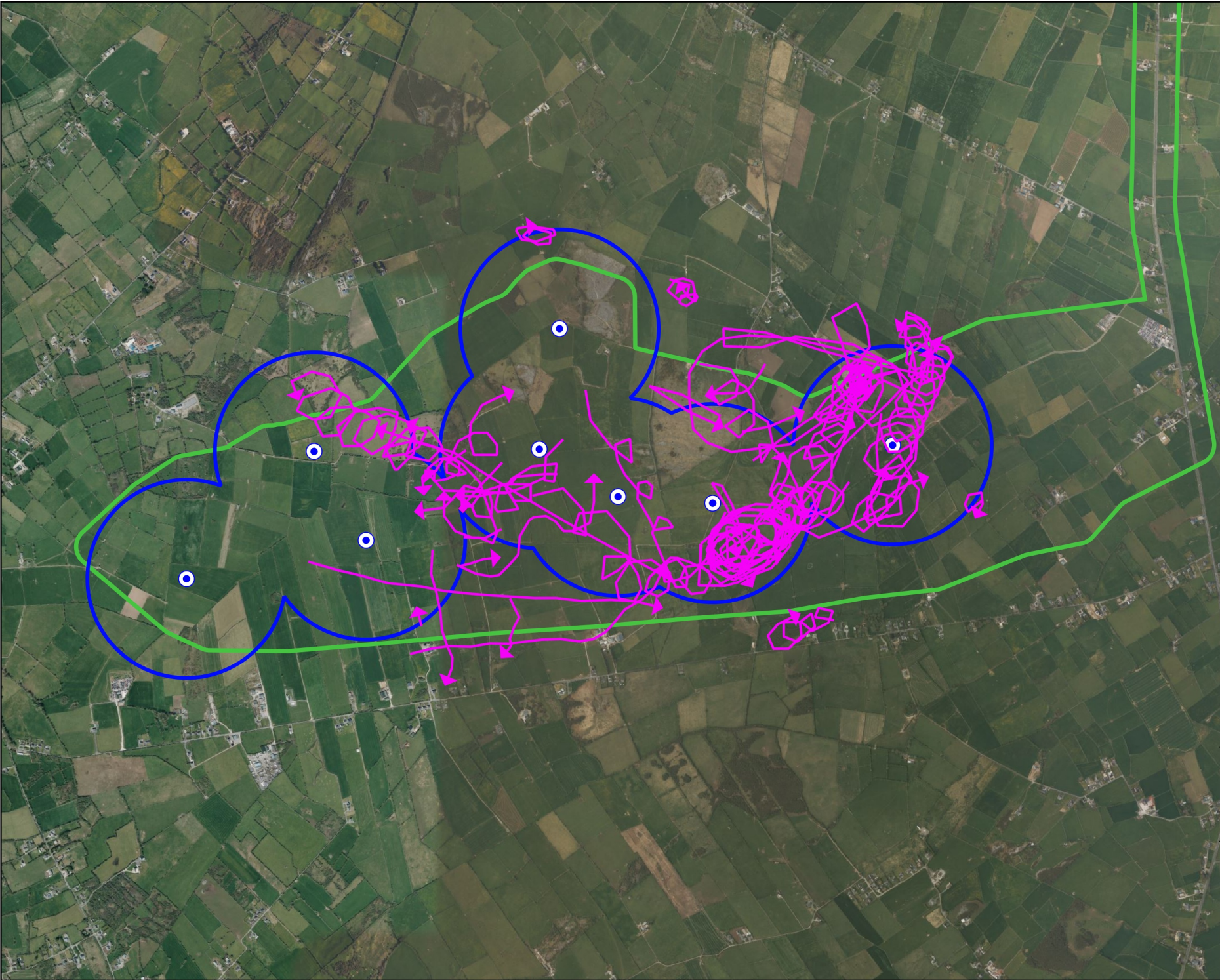
Table 7-4-49 Buzzard Breeding Raptor Survey data

Ref	BR	Date	Time	Species	Number	Habitat and activity	Breeding status	Surveyor
BZ029	BR1	24/04/2024	12:48	Buzzard	1	improved grassland and semi-natural woodland, calling, travelling, landed, went to perch in trees	suitable nesting habitat; possible breeder	LDV
BZ030	BR1	24/04/2024	13:41	Buzzard	2	improved grassland and semi-natural woodland, soaring, diving, pair soaring together, one dove right to the same trees where a buzzard perched earlier, possible nest. lost the second buzzard while observing the one diving	pair; probable breeding	LDV
BZ031	BR4	10/05/2024	14:36	Buzzard	2	improved grassland and scrub/transitional woodland, soaring	pair; probable breeding	LDV
BZ032	BR2	23/05/2024	10:27	Buzzard	2	semi-natural woodland and improved grassland, soaring, mobbed, mobbed by a pair of magpies	pair; probable breeding	LDV
BZ033	BR2	23/05/2024	10:33	Buzzard	1	hedgerows, improved grassland and semi-natural woodland, travelling	suitable nesting habitat; possible breeder	LDV
BZ034	BR2	05/06/2024	13:30	Buzzard	1	improved grassland and scrub/transitional woodland, hovering, hunting	suitable nesting habitat; possible breeder	LDV
BZ035	BR1	10/06/2024	13:59	Buzzard	2	improved grassland and semi-natural woodland, soaring	pair; probable breeding	LDV
BZ036	BR1	10/06/2024	15:00	Buzzard	1	semi-natural woodland, soaring	suitable nesting habitat; possible breeder	LDV
BZ037	BR1	10/06/2024	16:07	Buzzard	1	improved grassland, mobbed, carrying prey, was mobbed by hooded crow while holding prey	adult carrying food/faecal sac; confirmed breeding	LDV
BZ038	BR4	17/06/2024	14:39	Buzzard	1	improved grassland and semi-natural woodland, soaring, hunting	suitable nesting habitat; possible breeder	LDV
BZ039	BR4	17/06/2024	15:36	Buzzard	2	improved grassland, soaring, hunting	pair; probable breeding	LDV
BZ040	BR4	17/06/2024	15:42	Buzzard	1	improved grassland, travelling	suitable nesting habitat; possible breeder	LDV
BZ041	BR4	17/06/2024	15:52	Buzzard	1	improved grassland, travelling	suitable nesting habitat; possible breeder	LDV
BZ042	BR4	17/06/2024	16:13	Buzzard	1	improved grassland, carrying prey, was carrying small long-tailed rodent, nest in the forestry at the end of the line	adult carrying food/faecal sac; confirmed breeding	LDV
BZ043	BR1	12/07/2024	09:45	Buzzard	1	semi-natural woodland, begging, young begging calls	fledged young; confirmed breeding	LDV
BZ044	BR3	30/07/2024	14:58	Buzzard	1	improved agricultural grassland and semi-natural woodland, travelling, perched	suitable nesting habitat; possible breeder	LDV

Table 7-4-50 Buzzard Incidental Observations

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
BZ009	Waterbird Distribution Survey; Luimnagh	24/10/2023	14:14	Buzzard	1	wet grassland, improved grassland and semi-natural woodland; flushed, was walking in the field	LDV
BZ010	Hen Harrier Roost Survey; HHVP4	22/11/2023	15:02	Buzzard	1	improved grassland; hunting	LDV
BZ011	Hen Harrier Roost Survey; HHVP1	05/01/2024	15:27	Buzzard	1	improved grassland; flying, perched, perched for 2min on phone post	LDV
BZ012	Hen Harrier Roost Survey; HHVP2a	29/01/2024	16:08	Buzzard	1	scrub/transitional woodland; perched	LDV
BZ013	Hen Harrier Roost Survey; HHVP2a	29/01/2024	17:00	Buzzard	1	improved grassland and linear woodland/scrub; perched, flying	LDV
BZ014	Hen Harrier Roost Survey; HHVP2a	14/02/2024	16:20	Buzzard	1	scrub/transitional woodland; travelling, perched	LDV
BZ015	Waterbird Distribution Survey; Lough hackett	29/08/2024	13:10	Buzzard	1	improved agricultural grassland; soaring	CC
BZ016	Waterbird Distribution Survey; Daly's Bridge	03/09/2024	11:49	Buzzard	1	improved agricultural grassland; hunting	CC
BZ017	Waterbird Distribution Survey; Lough afoor	03/09/2024	14:24	Buzzard	1	improved agricultural grassland; mobbed	CC
BZ018	Vantage Point Survey; Bunnahevelly	08/10/2024	16:10	Buzzard	1	improved agricultural grassland; soaring	PDC
BZ019	Hen Harrier Roost Survey; lough afoor	10/10/2024	08:52	Buzzard	1	reed and large sedge swamps; travelling	PDC
BZ020	Hen Harrier Roost Survey; lough afoor	10/10/2024	08:53	Buzzard	1	reed and large sedge swamps; travelling	PDC
BZ021	Vantage Point Survey; Glennaneeny	10/12/2024	12:58	Buzzard	1	improved agricultural grassland; travelling, mobbed, perched, mobbed by rooks before perching on a telegraph pole.	PDC
BZ022	Hen Harrier Roost Survey; HHVP1	17/12/2024	15:40	Buzzard	1	improved agricultural grassland; soaring	ZOC
BZ023	Hen Harrier Roost Survey; bunnahevelly more	16/01/2025	16:35	Buzzard	1	improved agricultural grassland and hedgerows; perched	OC
BZ024	Waterbird Distribution Survey; Belclare turlough	23/01/2025	10:18	Buzzard	1	turloughs and linear woodland/scrub; mobbed, perched, perched in tree being dive-bombed by irate peregrine	PDC
BZ025	Hen Harrier Roost Survey; cluidrevagh	23/01/2025	15:40	Buzzard	1	improved agricultural grassland; travelling, perched	OC
BZ026	Hen Harrier Roost Survey; cluidrevagh	23/01/2025	17:10	Buzzard	1	improved agricultural grassland and hedgerows; travelling, perched	OC
BZ027	Hen Harrier Roost Survey; laurclavagh	28/01/2025	16:35	Buzzard	1	improved agricultural grassland and hedgerows; perched	OC
BZ028	Hen Harrier Roost Survey; hhvp1a	17/02/2025	17:08	Buzzard	1	improved agricultural grassland; flying, flew in low and appeared to land just out of sight	JD

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
BZ029	Winter Walkover Survey; t2	12/03/2025	12:37	Buzzard	1	improved agricultural grassland; flying, seen while driving to transect	JD
BZ030	Hen Harrier Roost Survey; HHVP4	26/03/2025	18:27	Buzzard	1	lakes and ponds; travelling	PM



Map Legend

- EIAR Site Boundary
- ⊙ Proposed Turbine Location
- 500m Radius of Turbines
- Flight Observation
- ◆ Observation



Drawing Title
**Buzzard Observations
Vantage Point Survey**

Project Title
**Laurclavagh Renewable Energy
Development**

Drawn By ZE	Checked By DW
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Project No. 210627	Drawing No. Fig 7-4-46
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- Map Legend
- EIAR Site Boundary
 - Proposed Turbine Location
 - 500m Radius of Turbines
 - Flight Observation



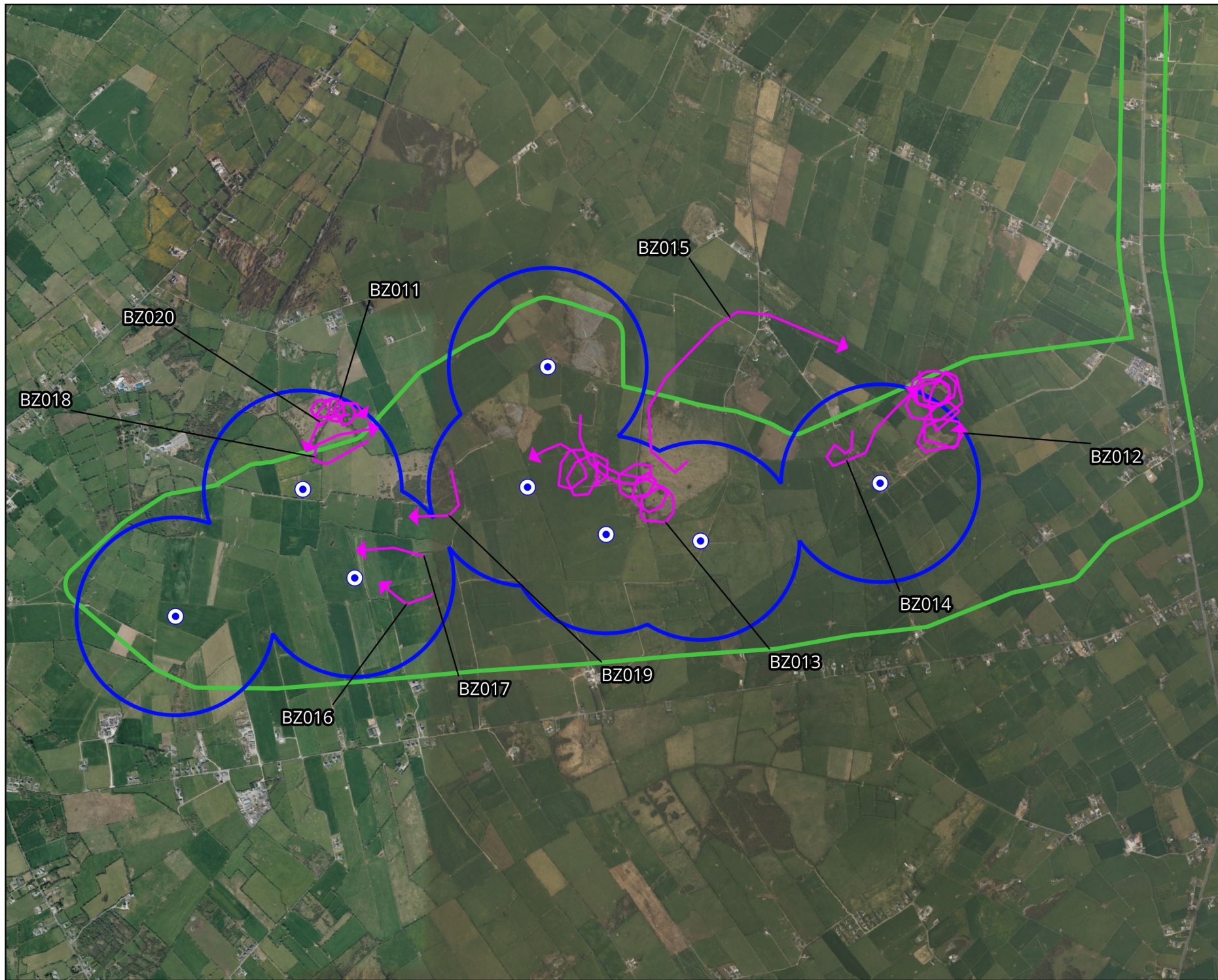
Drawing Title
**Buzzard Observations
Winter Walkover Surveys**

Project Title
**Laurclavagh Renewable Energy
Development**

Drawn By ZE	Checked By DW
Project No. 210627	Drawing No. Fig 7-4-47
Scale 1:25,000	Date 14.07.25

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- Map Legend
- EIAR Site Boundary
 - Proposed Turbine Location
 - 500m Radius of Turbines
 - Flight Observation



Drawing Title
**Buzzard Observations
 Breeding Walkover Surveys**

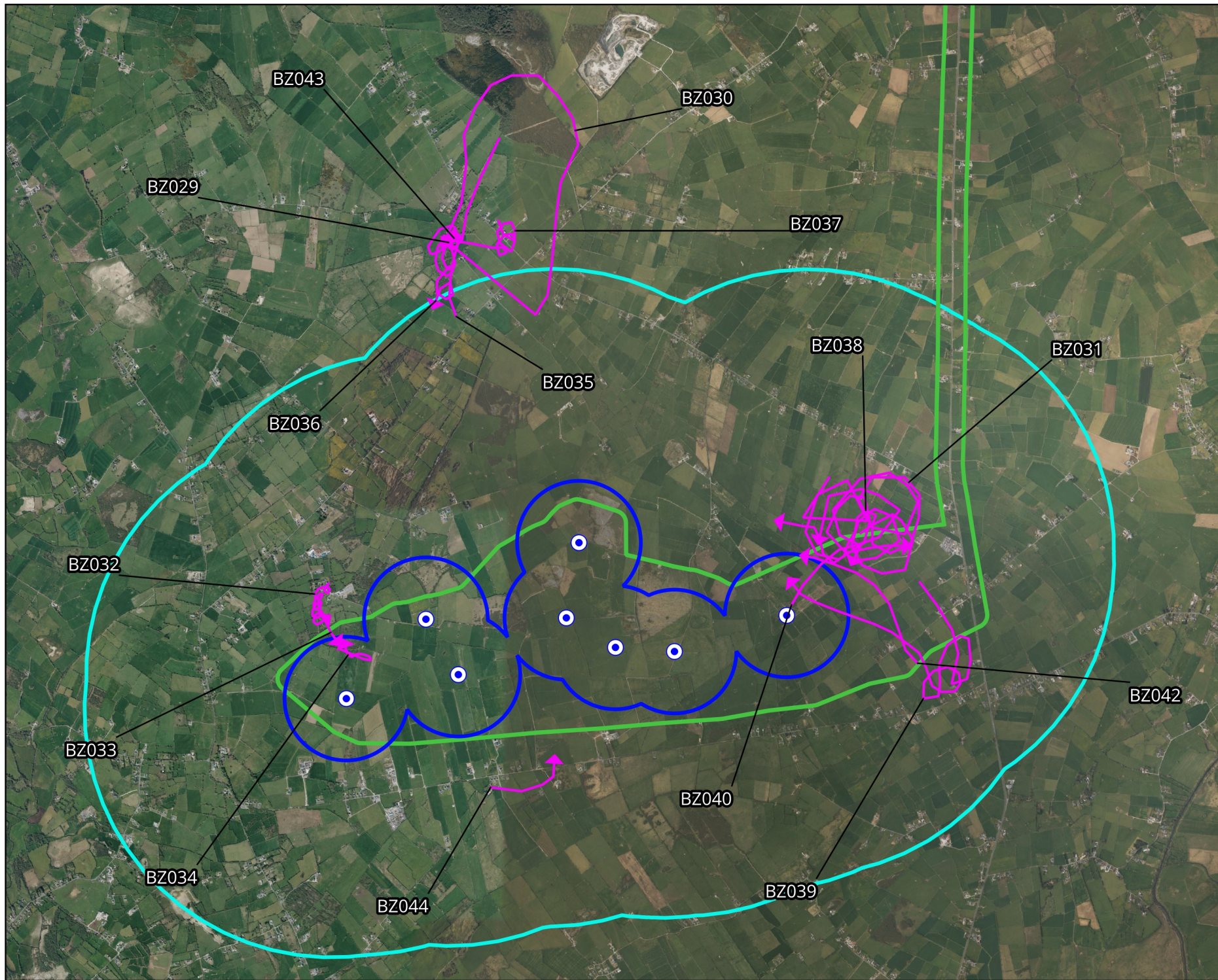
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Map Legend

- EIAR Site Boundary
- Proposed Turbine Location
- 500m Radius of Turbines
- 2km Survey Radius
- Flight Observation

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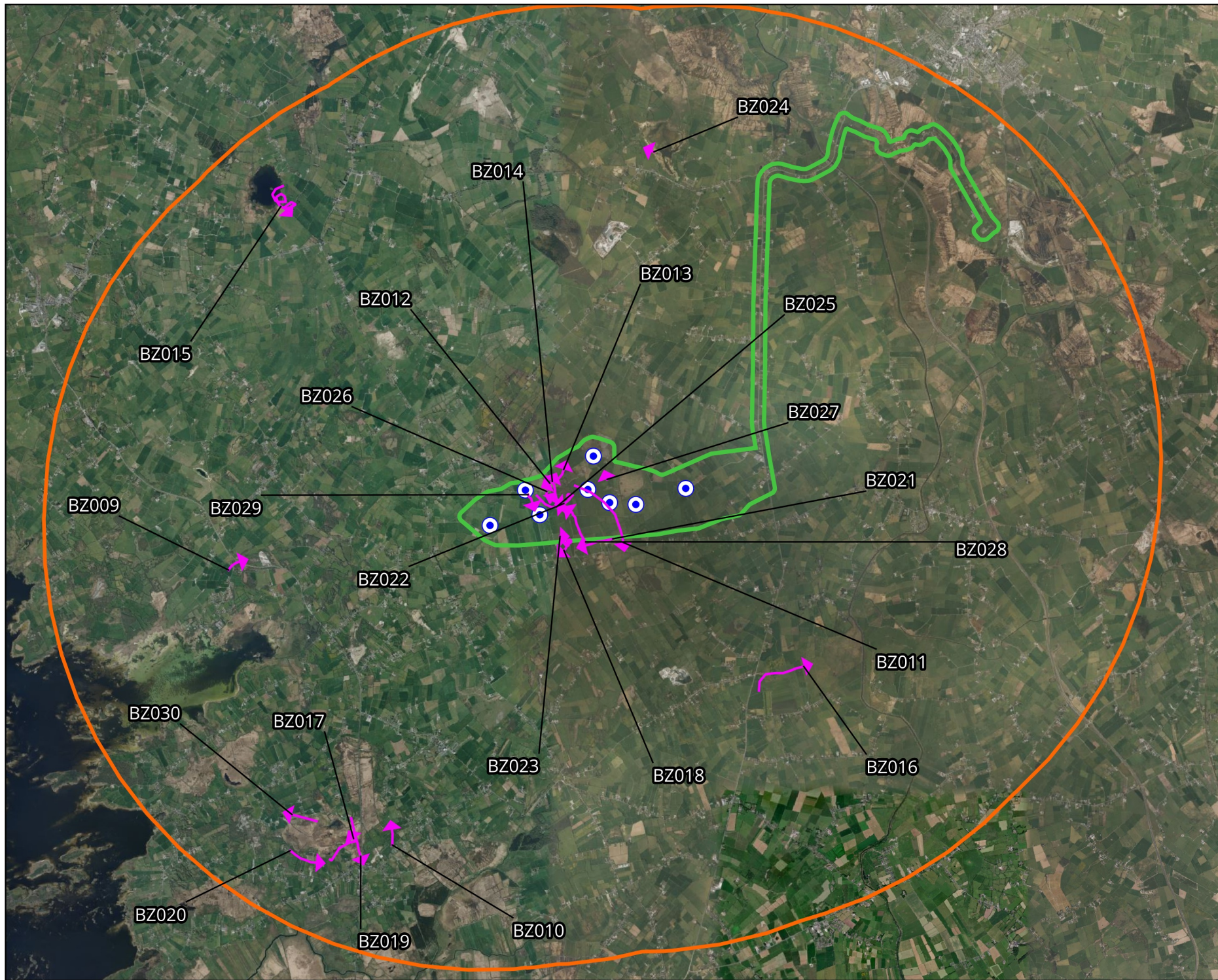


Drawing Title
Buzzard Observations Breeding Raptor Surveys

Project Title
Laurclavagh Renewable Energy Development

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Project No. 210627	Drawing No. Fig 7-4-49
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- Map Legend
- EIAR Site Boundary
 - Proposed Turbine Location
 - 8km Survey Radius
 - Flight Observation



Drawing Title
**Buzzard
Incidental Observations**

Project Title
Laurclavagh Renewable Energy
Development

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16.

SPARROWHAWK

Table 7-4-51 Sparrowhawk Vantage Point Survey data

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1 (0-15m)	Band 2 (15-25m)	Band 3 (25-200m)	Band 4 (>200m)	Habitat and activity	Surveyor
SH015	VP2	23/11/2023	09:42	Sparrowhawk	1	58	40	18	0	0	improved grassland; travelling, was mobbed by rooks	LDV
SH016	VP2	23/11/2023	12:37	Sparrowhawk	1	16	10	6	0	0	semi-natural woodland; travelling	LDV
SH017	VP1	18/12/2023	15:28	Sparrowhawk	1	22	22	0	0	0	improved grassland and linear woodland/scrub; travelling	LDV
SH018	VP1	09/01/2024	13:09	Sparrowhawk	1	24	24	0	0	0	improved grassland and linear woodland/scrub; flying	LDV
SH019	VP1	09/01/2024	13:10	Sparrowhawk	1	36	30	6	0	0	improved grassland; hunting, hunting golden plover	LDV
SH020	VP2	12/02/2024	13:26	Sparrowhawk	1	27	27	0	0	0	improved grassland; travelling	LDV
SH021	VP1	08/03/2024	11:26	Sparrowhawk	1	8	8	0	0	0	improved grassland and hedgerows; travelling	LDV
SH022	VP2	24/04/2024	18:31	Sparrowhawk	1	8	8	0	0	0	improved grassland and hedgerows; travelling, perched, male, perched 10m from me	LDV
SH023	VP1b	07/06/2024	08:16	Sparrowhawk	1	36	0	36	0	0	improved grassland and hedgerows; travelling, calling, agitated male, calling loudly	LDV
SH024	VP1b	07/06/2024	08:18	Sparrowhawk	1	-	-	-	-	-	hedgerows; perched	LDV
SH025	VP1b	07/06/2024	08:23	Sparrowhawk	1	17	17	0	0	0	improved grassland; travelling, agitated behaviour, male	LDV
SH026	VP1b	07/06/2024	08:28	Sparrowhawk	1	-	-	-	-	-	hedgerows; perched, juvenile	LDV
SH027	VP1b	07/06/2024	08:34	Sparrowhawk	1	16	16	0	0	0	improved grassland; travelling, juvenile	LDV
SH028	VP1b	07/06/2024	11:33	Sparrowhawk	1	23	23	0	0	0	improved grassland and hedgerows; travelling, juvenile	LDV
SH029	VP1b	07/06/2024	11:34	Sparrowhawk	1	-	-	-	-	-	hedgerows; perched	LDV
SH030	VP2	20/09/2024	10:34	Sparrowhawk	1	34	34	0	0	0	improved agricultural grassland; mobbed, mobbed by rooks	CC
SH031	VP2	09/10/2024	18:16	Sparrowhawk	1	20	20	0	0	0	improved agricultural grassland; travelling, hunting, shot past whilst i was watching the	PDC

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1 (0-15m)	Band 2 (15-25m)	Band 3 (25-200m)	Band 4 (>200m)	Habitat and activity	Surveyor
											lapwing. time is an estimate as it all happened together.	
SH032	VP1b	11/03/2025	11:33	Sparrowhawk	1	152	0	125	27	0	improved agricultural grassland; soaring, travelling, female	PDC

Table 7-4-52 Sparrowhawk Winter Walkover Survey data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
SH002	17/01/2025	12:05	Sparrowhawk	2	improved agricultural grassland; travelling, displaying (wintering)	PDC

Table 7-4-53 Sparrowhawk Breeding Walkover Survey data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
SH001	25/04/2024	10:07	Sparrowhawk	1	semi-natural woodland; travelling (suitable nesting habitat; possible breeder)	LDV
SH002	17/05/2024	11:15	Sparrowhawk	1	improved grassland; travelling (suitable nesting habitat; possible breeder)	LDV
SH003	11/06/2024	08:09	Sparrowhawk	1	improved grassland; carrying prey (adult carrying food/faecal sac; confirmed breeding)	LDV

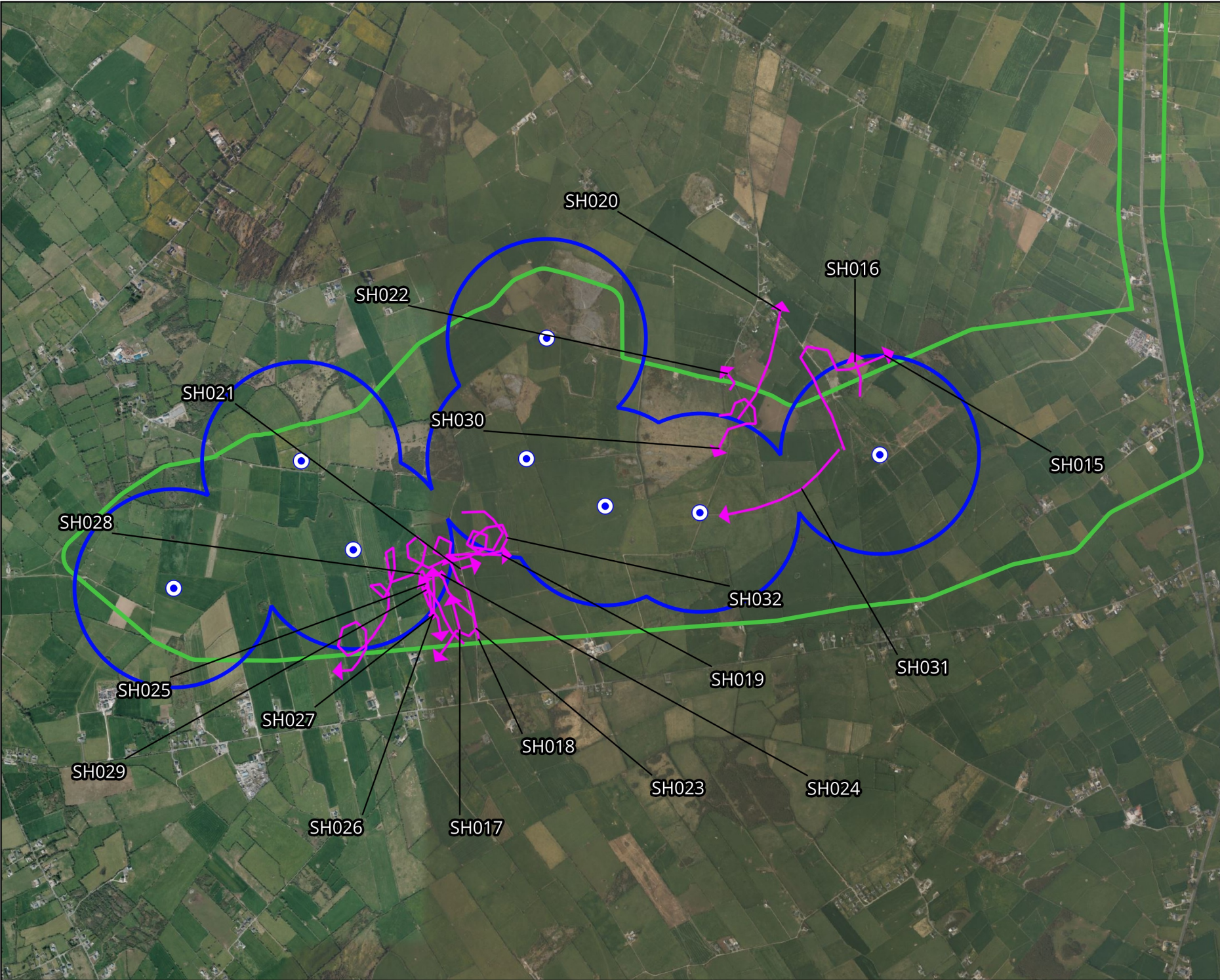
Table 7-4-54 Sparrowhawk Breeding Raptor Survey data

Ref.	BR	Date	Time	Species	Number	Habitat and activity	Breeding status	Surveyor
SH004	BR3	05/06/2024	16:59	Sparrowhawk	1	improved grassland, travelling	suitable nesting habitat; possible breeder	LDV
SH005	BR2	30/07/2024	09:54	Sparrowhawk	1	hedgerows and improved grassland, travelling	suitable nesting habitat; possible breeder	LDV
SH006	BR3	30/07/2024	13:54	Sparrowhawk	1	improved agricultural grassland, perched	suitable nesting habitat; possible breeder	LDV

Table 7-4-55 Sparrowhawk Incidental Observations

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
SH004	Hen Harrier Roost Survey; HHVP4	22/11/2023	15:38	Sparrowhawk	1	improved grassland; hunting	LDV
SH005	Hen Harrier Roost Survey; HHVP1	05/01/2024	15:59	Sparrowhawk	1	improved grassland; flying, perched, perched a few seconds	LDV
SH006	Hen Harrier Roost Survey; HHVP4	24/01/2024	09:17	Sparrowhawk	1	lakes and ponds and bogs; travelling	LDV
SH007	Waterbird Distribution Survey; Luimnagh pier	24/01/2024	10:57	Sparrowhawk	1	lakes and ponds; travelling	LDV
SH008	Vantage Point Survey; VP1	02/02/2024	15:05	Sparrowhawk	1	improved grassland and linear woodland/scrub; travelling, during break	LDV

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
SH009	Hen Harrier Roost Survey; HHVP1	06/02/2024	16:48	Sparrowhawk	1	improved grassland and linear woodland/scrub; travelling	LDV
SH010	Waterbird Distribution Survey; Lough Hackett	22/02/2024	13:06	Sparrowhawk	1	lakes and ponds and semi-natural woodland; travelling, perched, perched on island	LDV
SH011	Waterbird Distribution Survey; Luimnagh	09/04/2024	12:41	Sparrowhawk	1	hedgerows; travelling	LDV
SH012	Waterbird Distribution Survey; Belclare Turlough	26/03/2025	14:00	Sparrowhawk	1	improved agricultural grassland; commuting	PM



Map Legend

- EIAR Site Boundary
- Proposed Turbine Location
- 500m Radius of Turbines
- Flight Observation
- ◆ Observation

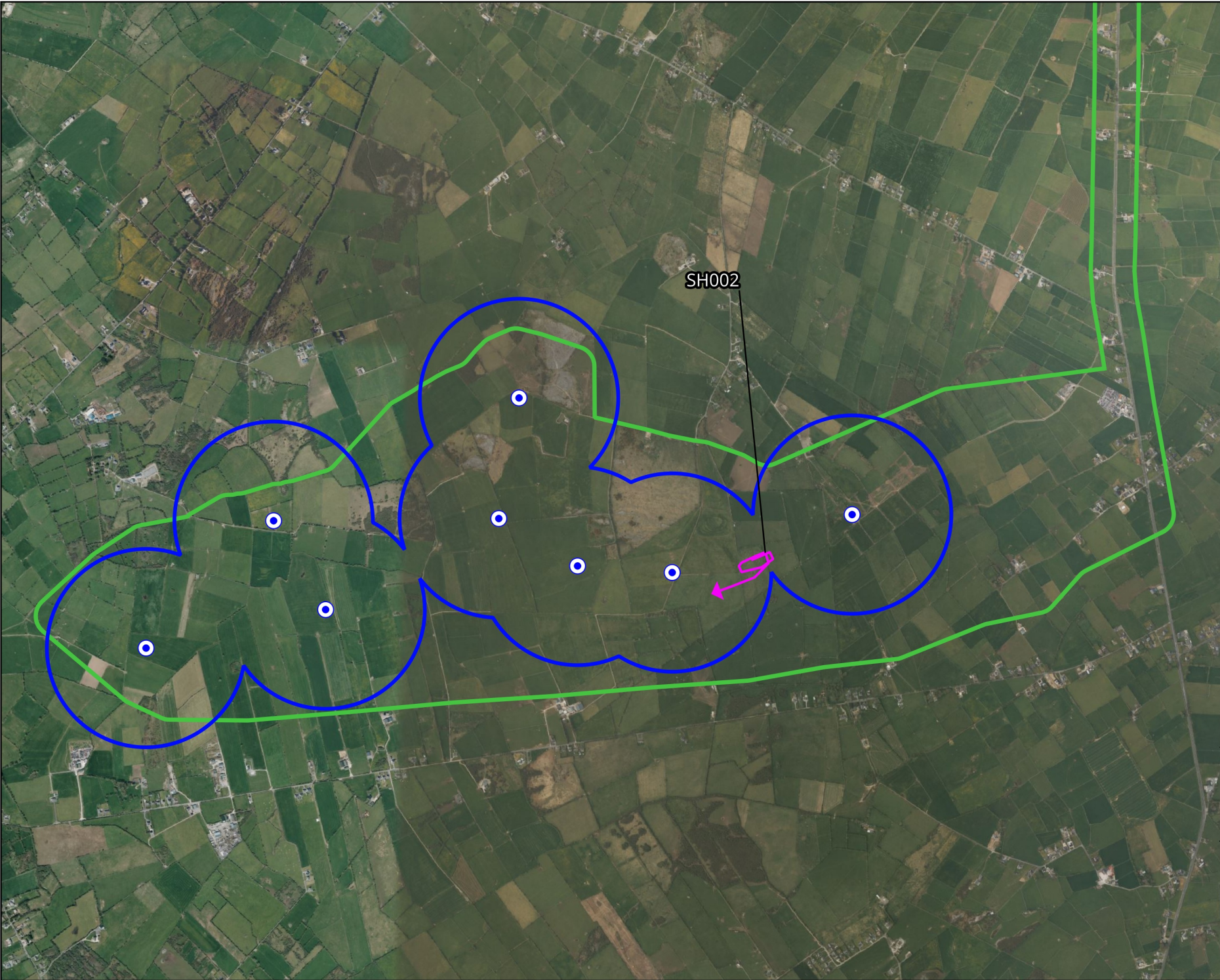


Drawing Title
**Sparrowhawk Observations
Vantage Point Surveys**

Project Title
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Map Legend

- EIA Site Boundary
- Proposed Turbine Location
- 500m Radius of Turbines
- Flight Observation

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Drawing Title
**Sparrowhawk Observations
Winter Walkover Surveys**

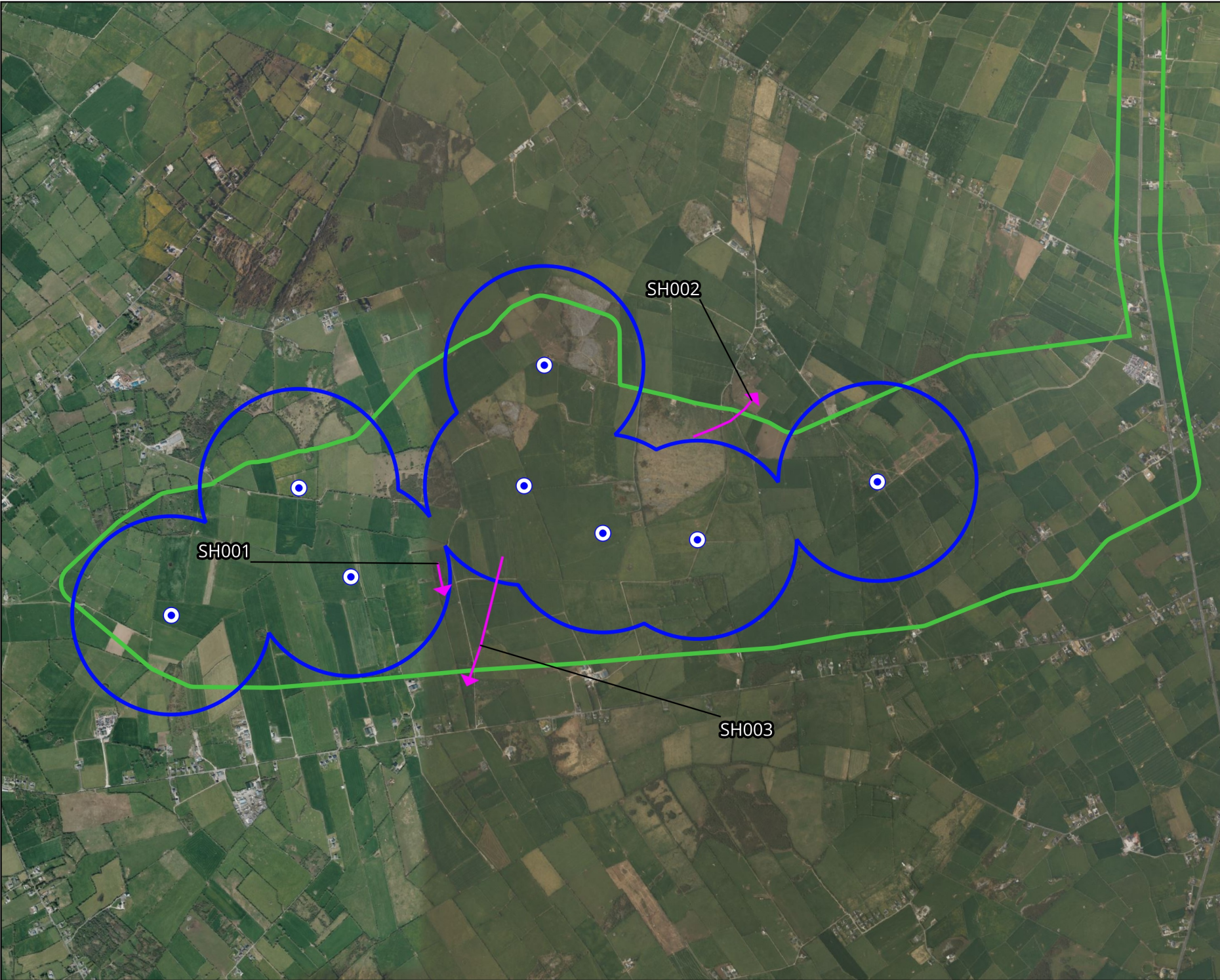
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Map Legend

- EIAR Site Boundary
- ⊙ Proposed Turbine Location
- ⬡ 500m Radius of Turbines
- Flight Observation

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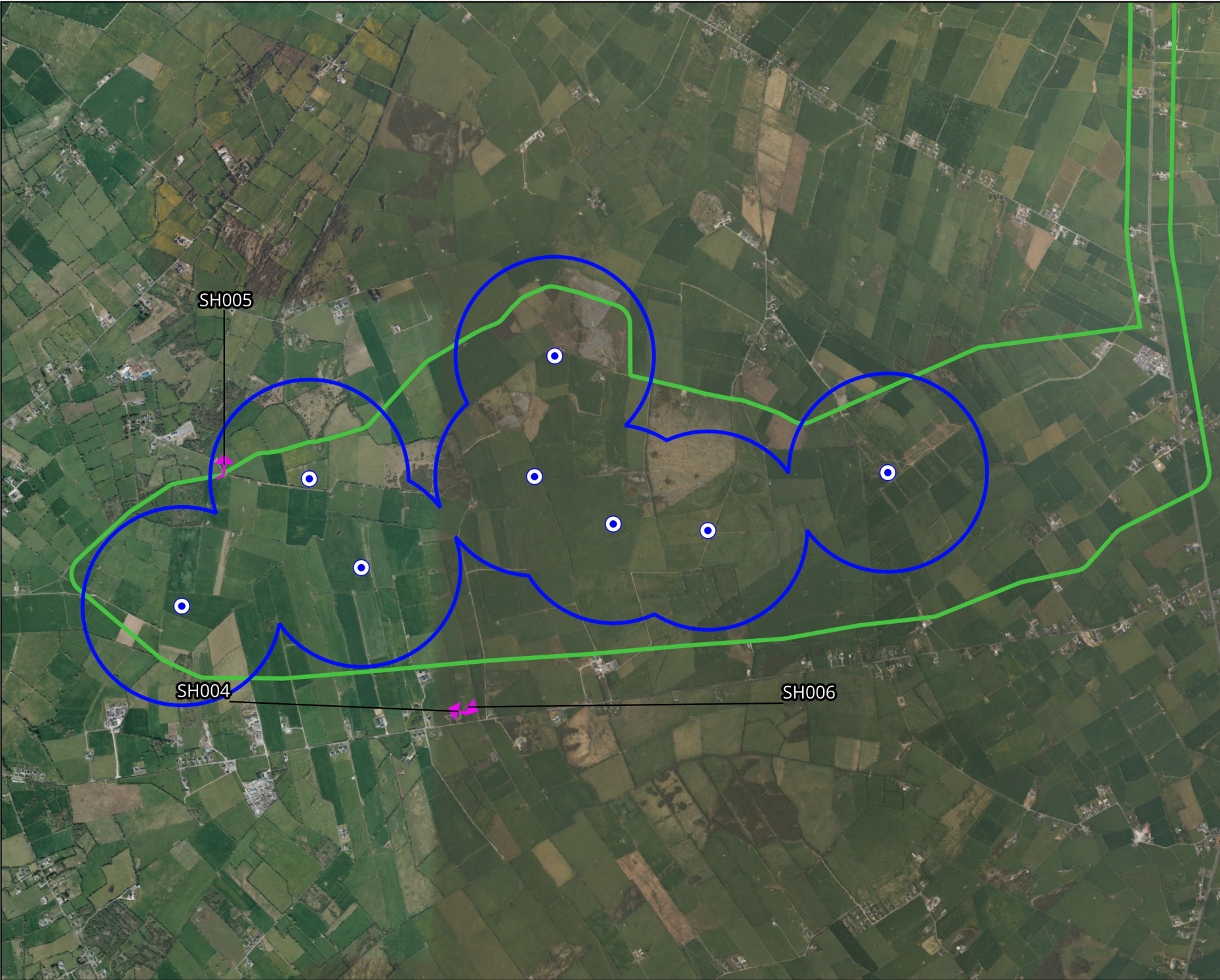


Drawing Title
**Sparrowhawk Observations
Breeding Walkover Surveys**

Project Title
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Map Legend

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- 500m Radius of Turbines
- Flight Observation

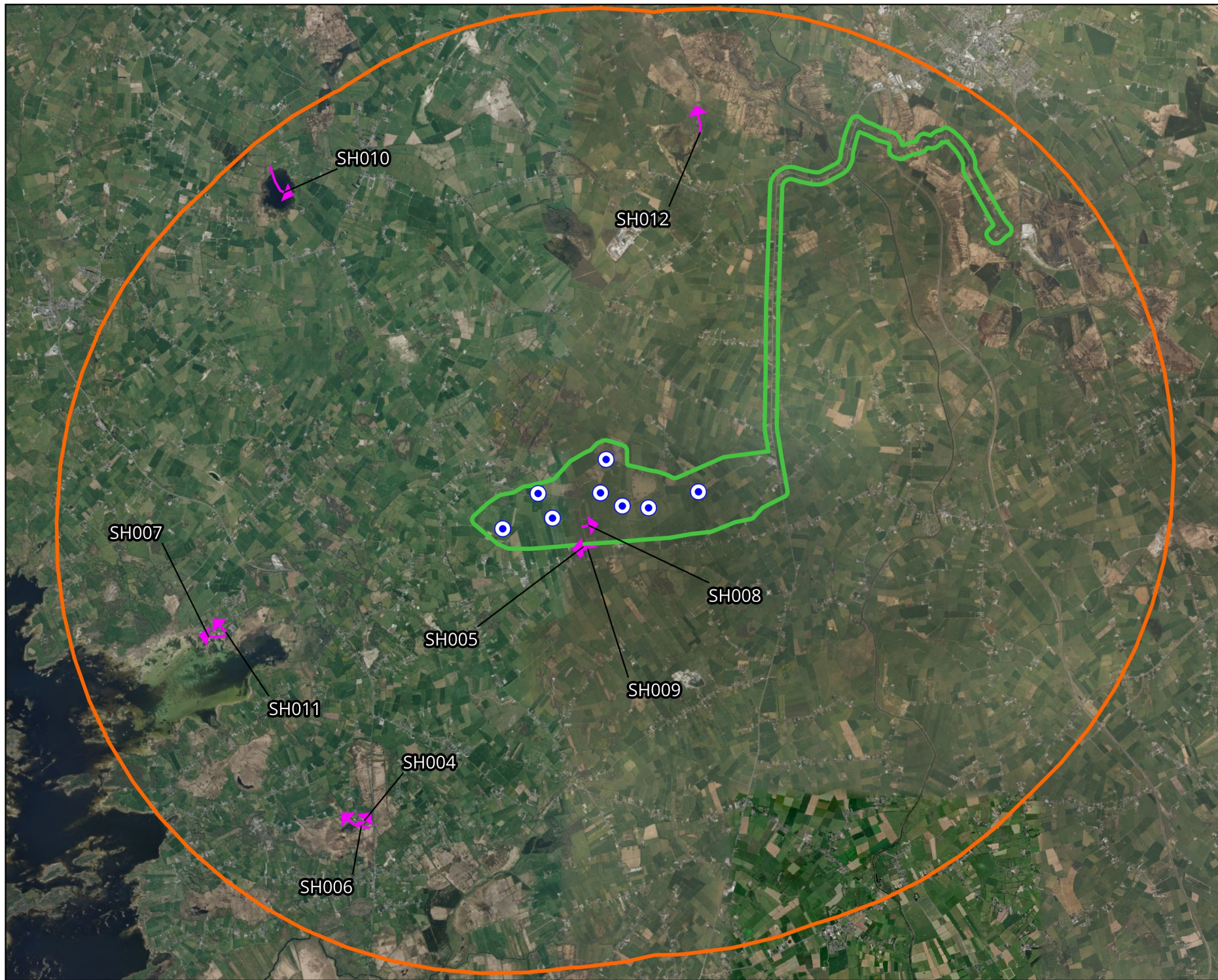


Drawing Title
**Sparrowhawk Observations
Breeding Raptor Surveys**

Project Title
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Map Legend

-  EIAR Site Boundary
-  Proposed Turbine Location
-  8km Survey Radius
-  Flight Observation



Drawing Title
**Sparrowhawk
Incidental Observations**

Project Title
**Laurclavagh Renewable Energy
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